

# SIRE CATALOGUE SOUTH AFRICA

2024 - 2025



BETTER COWS > BETTER LIFE

**CRV, leading**  
in health and efficiency





## FOREWORD

CRV is strongly motivated by our promise Better Cows > Better Life.

**We believe that better cows lead to a better life for farmers, their herds and their environment.**

The foundation of our approach is creating a perfect balance between healthy and efficient cows. After all, the healthier a cow is, the more efficiently it will produce. That is why we are global leader in health and efficiency.

### Indexes CRV Health and CRV Efficiency

CRV supports farmers in breeding problem-free herds with high longevity that efficiently convert feed into milk and contribute to reducing emissions. CRV's unique and easy-to-use indexes help achieve this goal.

#### CRV Health

A healthy herd makes work more pleasurable and profitable. The CRV Health index improves fertility and udder and hoof health. This has the advantage of making herd management easier and reducing the number of cows that require treatment. Important building blocks of CRV Health are fertility, hoof health and udder health.

#### CRV Efficiency

An efficient herd has a higher output in kilograms of milk or beef using a lower input of resources. That is better for profitability and for the environment! CRV Efficiency index increases feed efficiency, boosts longevity and the herd's production levels. Important building blocks of CRV Efficiency are production, feed efficiency and longevity.

We serve farmers and society by leading edge genetics and services. We strive to minimize environmental impact to protect the planet for next generations and farmers' whose business is to help feed the world.

This urges us to continuously reinvent our products and services to maximize cow health and efficiency – and improve productivity over a longer lifespan.

We supply a wide range of top quality genetics with a strong presence of excellent local Holsteins and Jerseys. We can supply you with the best genetic material as well as a wide range of consumables.

Better Cows > Better Life, to customers today, tomorrow and for generations to come.

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# Meet Our Team



AI Training



Beef AI Synchronization



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# FeedExcel



Backed by years of cooperation with farmers and leading developments in science, CRV FeedExcel uses our creation of the largest, most reliable feed intake dataset of lactating cows in the world. This breeding strategy promises a highly productive herd delivering more milk with less feed. The proven path to higher margins and lower emissions.

## Feed Efficiency

Feed costs make up about 60% of all variable milk production expenses. Therefore, it pays to breed efficient cows - cows that produce more milk with less feed.

## Calculating Feed Efficiency

$$\text{Feed Efficiency} = \frac{\text{Kg of milk produced}}{\text{Kg of dry matter}}$$

Feed intake (Kg of dry matter)

Milk production (Kg of milk / cow / day)

Kg of milk = kg ECM with 3.5% fat and 3.2% protein

Higher feed efficiency = more milk / kg dm feed

## CRV's research

In 2017, CRV was the first genetic organization to start large-scale measurement of feed intake in dairy cows on farm. This makes CRV the leader in collecting real feed intake data based on more than 12,000 dairy cows. CRV also measures water intake, weight and other aspects related to health. After all, a healthy cow is a basic requirement for an efficient cow.

## What differences do we see in practice?

The average feed efficiency on the CRV feed intake farms is 1.59 which signifies that these cows produce an average of 1.59 kg of ECM per kg of dry matter intake.



## 25 percent best cows > 50 percent more profit

	Feed Efficiency	Body Weight (kg)	Milk Production (kg)	Dry Matter Intake (kg)	kg. Concentr. / 100 kg milk	Profit per day (ZAR)
25% highest Feed Efficiency	1,88	676	42,6	22,6	22	225
25% lowest Feed Efficiency	1,38	697	32,5	23,5	27	141
Difference	0,5	-21	10,1	-0,9	-5	84

25 percent best cows ≈ 50 percent more profit ←

▶ 25% more milk ▶ or 25% less feed ▶ and 25% less methane by 2050



## What can breeding achieve?

There is a large variation in feed efficiency between animals, this makes it possible to breed for feed efficiency. The heritability of Feed Efficiency is 10%.

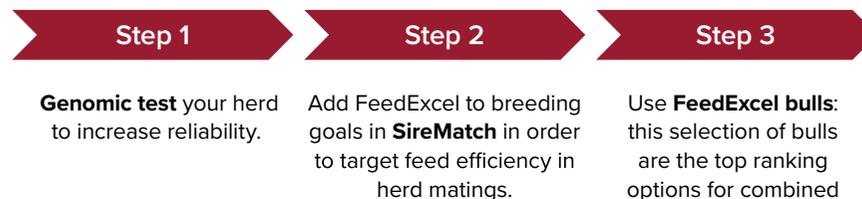
## What can you do as producer?

CRV has developed the breeding strategy FeedExcel to easily increase efficiency on your farm through breeding while reducing methane emissions in the process.

*“FeedExcel is the easiest way to improve the feed efficiency of your herd”*

Dairy farmer Pierre Litjens

CRV FeedExcel breeding strategy:



**Genomic test** your herd to increase reliability.

Add FeedExcel to breeding goals in **SireMatch** in order to target feed efficiency in herd matings.

Use **FeedExcel bulls**: this selection of bulls are the top ranking options for combined feed efficiency, longevity, and health.



## SIREMATCH

The perfect match for your herd

Every farmer dreams of a high performing herd. You want to breed cows that suit your particular farming conditions, your future plans and your breeding goal. Breeding sometimes seems like a puzzle. SireMatch helps you to find the right pieces. But SireMatch is more than just a mating program. It ensures that you achieve maximum progress with minimal effort.

- ▶ **Best mating propositions**
- ▶ **Personal SireMatch advisor**
- ▶ **Customized and unbiased advise**

CRV offers the perfect solution for your herd.

Check out [CRV4all-international.com](http://CRV4all-international.com)



## OVALERT

A fertile and healthy herd

### Watching your herd around the clock

The Ovalert heat detection system detects and identifies health, feed and fertility signals earlier and more effectively than the human eye and works 24 hours a day.

As a farmer, you can easily monitor the performance of the whole herd and it makes your herd more efficient and easier to manage. Hundreds of farmers are discovering the added value of Ovalert health, feed and fertility management.

*“A 40-day shorter calving interval means a lot more profit”*

Wes Hickson, Dudleston, UK



# CRV, leading in health and efficiency



## Unique CRV indexes

CRV has developed two unique indexes to help you breed a healthy and efficient herd, which results in lower costs and additional profit.



The **CRV Health index** will help you to breed cows that get pregnant easily, have fewer lameness issues and suffer less from mastitis. Your cows will calve more easily and will be less susceptible to ketosis.

The three main building blocks of this index are: Hoof Health, Fertility and Udder Health.



The **CRV Efficiency index** will help you to breed a herd that is more productive, has a higher longevity and feed efficiency, and better beef performance.

Besides boosting your overall efficiency, this will also contribute to lower emissions.

The three main building blocks of this index are: Production, Longevity and Feed Efficiency.



Higher profit and lower costs by breeding for Health and Efficiency\*

## CRV Health:



### Hoof Health

↓ 3 – 9% fewer claw problems

↓ R10 000 – R30 000 savings\*\*



### Fertility

↑ 3 – 9% higher non-return on 56 days

↓ R15 000 – R45 000 savings\*\*



### Udder Health

↓ 2 – 6% less clinical mastitis

↓ R12 000 – R36 000 savings\*\*

## CRV Efficiency:



### Production

↑ 65 – 195 higher net milk production income (more fat & protein, % and/or kg)

↑ R130 000 – R392 500 higher profit\*\*



### Longevity

↑ 35 – 405 days longer in productionw

↓ R75 500 – R223 500 savings in replacement costs\*\*



### Feed Efficiency

↑ 2 – 6 kg milk more per kg dry matter feed intake

↑ R120 000 - R362 500 higher profit\*\*

\* data based upon the Holstein breed

\*\* per 100 cows per year



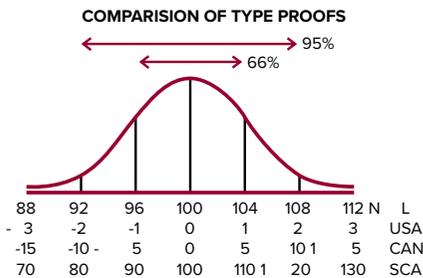
CRV offers the perfect solution for your herd. Check out [CRV4all.com](http://CRV4all.com)

# NVI



## Understanding Dutch type proofs

Understanding Dutch type proofs is not as difficult as you might think. The values and ranges of the Dutch proofs maybe look different from what you are used to, but if you compare them to UK, US or Canadian proofs they are quite easy to understand. The graph shows the ranges of the proofs in the four different countries.



## Explanation traits

### CRV Health



CRV Health indicates the extent to which a bull helps to breed a healthier herd. A high score means that a bull's progeny will have reduced rates of mastitis and lameness, will calve easier, and breed back sooner.

### CRV Efficiency



CRV efficiency indicates the extent to which a bull contributes to a more efficient herd. Improved milk and component production relative to feed intake, while accounting for longevity, body condition, and calving interval.

### Feed efficiency



CRV introduced a unique breeding value for feed efficiency in December 2020. CRV is the only company in the world to base this breeding value on real feed intake data. Using the breeding value feed efficiency soon results in 10% higher milk production for the same feed costs (based on life time production of a cow).



BETTER COWS > BETTER LIFE

# Understanding New Zealand Traits

## 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**

### Legs

The angulation of the rear legs.

**Straight – Curved**

### Capacity

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

**Frail – Capacious**

### Stature

Height measured at the animal's shoulder.

**Short – Tall**

### Dairy conformation

An overall conformation score combining all traits except udder traits.

**Undesirable – Desirable**

## 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**

### 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**

## PP Polled Genetics

Save time and money by removing the need to disbud. Select one of CRV's polled bulls to ensure the calf isn't born with horns. CRV's polled bulls (PP) have two polled genes (homozygous), which means you are guaranteed a polled calf.

## OAD Once-A-Day Sires

**Long lasting cows with great production and feed efficiency.**

When operating a once-a-day milking system the right genetics are key to success. CRV focuses on protein, somatic cells and udder support traits to help increase production and feed efficiency, increase the overall longevity of your herd, breed cows with a great udder, low somatic cells, and lower your replacement rates.

*“For us, having the best once-a-day cows has meant we have enjoyed having a better life.”*

**Russell and Charlotte Heald, Norsewood**

## SG Short Gestation

CRV offers short gestation dairy and beef options to help create greater value calves and give your cows more days in milk.

### DAIRY

Short gestation dairy is a good option if you need more replacements from your tail-end cows. Short gestation dairy is available in Holstein Friesian, Jersey and Crossbred.

### DAIRY BEEF

Breed beef-cross calves that you can sell to the beef market. The gestation length of beef breeds are on average four to five days longer than dairy sires. However short gestation Hereford, Angus and Belgian Blue brings the calving date in line with dairy sires.

## LowN LowN Sires®

LowN



### Environmental efficiency.

CRV's LowN Sires are selected for their low milk urea nitrogen breeding value plus other key drivers for environmental efficiency such as longevity.

*“We're trying to build a herd that suits this farm, and works with the environment and this catchment.”*

**Steve and Paula Holdem, Mamaku, Rotorua**

# Key to Bull Pages

Look for these icons on the bull pages

 <p>Heterozygous polled</p>	 <p>Sires selected for homozygous polled gene</p>	 <p>Sires selected as lower than average for MUN (milk urea nitrogen)</p>	 <p>Sires selected for Short Gestation</p>	 <p>Sires selected for suitability in a Once-A-Day milking system</p>	 <p>CRV FeedExcel</p>
 <p>Semen imported from Australia</p>	 <p>Semen imported from CRV USA</p>	 <p>Semen from CRV RSA</p>	 <p>Semen imported from CRV New Zealand</p>	 <p>Semen imported from CRV Netherlands</p>	 <p>Calving Ease</p>
 <p>CRV Efficiency</p>	 <p>Production</p>	 <p>Longevity</p>	 <p>Feed Efficiency</p>	<p><b>INSIRE</b></p> <p>CRV elite young sires, selected on a combination of parental and genomic data.</p>	 <p>A2A2</p>
 <p>CRV Health</p>	 <p>Hoof Health</p>	 <p>Fertility</p>	 <p>Udder Health</p>	<p><b>PROGENY PROVEN</b></p> <p>Semen sourced from domestically proven sires</p>	 <p>Semen Fertility</p>

# Black and White



# BUSH BROS FRAGRANT



BORN: 2019/05/12      KAPPA/BETA CASEIN: AE / A1A2      SA ID: 936890128

<b>CRV HEALTH</b>	<b>+8%</b>	<b>CRV EFFICIENCY</b>	<b>+11%</b>
FERTILITY	104	INET	238
UDDER HEALTH	105	LONGEVITY	490
HOOF HEALTH	106	FEED EFFICIENCY	105



Production Traits				
DGHTRS 349 • HRDS 176 • 88% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
32	0.77	0.24	70	22

Total Index	
NVI	236

**Conformation Traits**      DGHTRS 90 • HRDS 54 • 86% REL

Trait	BV	96	100	108
Frame	100			
Dairy strength	102			
Udder	110			
Feet and legs	98			
Total Type	105			

**Linear Traits**

Trait	BV	96	100	108
Stature	101			
Strength	98			
Body depth	98			
Angularity	102			
Condition score	100			
Rump angle	96			
Rump width	102			
Rear legs rear view	96			
Rear legs side view	100			
Foot angle	96			
Locomotion	99			
Fore udder att.	111			
Front teat placement	105			
Teat length	100			
Udder depth	107			
Rear udder height	107			
Rear teat placement	109			
Udder balance	99			
Central Ligament	108			

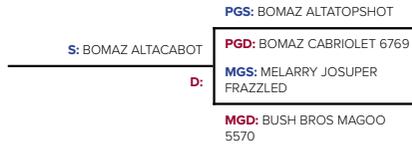
## Fragrant

**Daughter Management traits**

Trait	BV	96	100	108
Ketosis	104			
Milking speed	95			
SCC	108			
Temperament	104			
Dhtr Calving Ease	104			
Persistency	105			
Maturity Rate	103			

**Sire Management traits**

Trait	BV	96	100	108
Sire calving ease	105			
Vitality	105			
Calf survival	105			



PROGENY PROVEN

# DELTA EVERTON



BORN: 2019/11/07      BETA CASEIN: A2A2      SA ID: 936890029

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+7%</b>
FERTILITY	101	INET	211
UDDER HEALTH	104	LONGEVITY	360
HOOF HEALTH	103	FEED EFFICIENCY	102



Production Traits				
DGHTRS 0 • HRDS 0 • 83% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
77	0.40	0.32	39	31

Total Index	
NVI	181

**Conformation Traits**      DGHTRS 4 • HRDS 4 • 89% REL

Trait	BV	96	100	108
Frame	104			
Dairy strength	105			
Udder	111			
Feet and legs	104			
Total Type	110			

**Linear Traits**

Trait	BV	96	100	108
Stature	100			
Strength	100			
Body depth	99			
Angularity	100			
Condition score	105			
Rump angle	101			
Rump width	102			
Rear legs rear view	104			
Rear legs side view	96			
Foot angle	104			
Locomotion	104			
Fore udder att.	110			
Front teat placement	106			
Teat length	102			
Udder depth	109			
Rear udder height	110			
Rear teat placement	109			
Udder balance	103			
Central Ligament	108			

## Everton

**Daughter Management traits**

Trait	BV	96	100	108
Ketosis	109			
Milking speed	103			
SCC	102			
Temperament	98			
Dhtr Calving Ease	104			
Persistency	106			
Maturity Rate	104			

**Sire Management traits**

Trait	BV	96	100	108
Sire calving ease	100			
Vitality	102			
Calf survival	104			



PROGENY PROVEN

# DELTA PERFECT



BORN: 2022/06/05      KAPPA/BETA CASEIN: AB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+5%</b>	<b>CRV EFFICIENCY</b>	<b>+14%</b>
FERTILITY	96	INET	346
UDDER HEALTH	110	LONGEVITY	564
HOOF HEALTH	110	FEED EFFICIENCY	107



Production Traits					DGHTRS 0 • HRDS 0 • 80% REL
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein	
955	0.25	0.15	65	48	

Total Index	
NVI	281

### Conformation Traits

Trait	BV	96	100	108
Frame	105			
Dairy strength	103			
Udder	104			
Feet and legs	111			
Total Type	110			

### Linear Traits

Trait	BV	96	100	108
Stature	99			
Strength	104			
Body depth	106			
Angularity	107			
Condition score	98			
Rump angle	102			
Rump width	103			
Rear legs rear view	111			
Rear legs side view	98			
Foot angle	100			
Locomotion	112			
Fore udder att.	104			
Front teat placement	101			
Teat length	101			
Udder depth	101			
Rear udder height	104			
Rear teat placement	99			
Udder balance	100			
Central Ligament	98			

### Perfect

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	104			
Milking speed	97			
SCC	110			
Temperament	101			
Dhtr Calving Ease	103			
Persistency	108			
Maturity Rate	100			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	101			
Vitality	99			
Calf survival	103			



INSIRE

# DELTA PRESENT



BORN: 2022/04/19      KAPPA/BETA CASEIN: AB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+6%</b>	<b>CRV EFFICIENCY</b>	<b>+10%</b>
FERTILITY	105	INET	240
UDDER HEALTH	104	LONGEVITY	290
HOOF HEALTH	103	FEED EFFICIENCY	105



Production Traits					DGHTRS 0 • HRDS 0 • 80% REL
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein	
480	0.29	0.17	47	33	

Total Index	
NVI	226

### Conformation Traits

Trait	BV	96	100	108
Frame	105			
Dairy strength	102			
Udder	104			
Feet and legs	108			
Total Type	108			

### Linear Traits

Trait	BV	96	100	108
Stature	99			
Strength	102			
Body depth	102			
Angularity	102			
Condition score	99			
Rump angle	103			
Rump width	103			
Rear legs rear view	109			
Rear legs side view	105			
Foot angle	97			
Locomotion	109			
Fore udder att.	103			
Front teat placement	100			
Teat length	102			
Udder depth	101			
Rear udder height	103			
Rear teat placement	100			
Udder balance	101			
Central Ligament	103			

### Present

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	103			
Milking speed	97			
SCC	105			
Temperament	106			
Dhtr Calving Ease	102			
Persistency	104			
Maturity Rate	101			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	107			
Vitality	105			
Calf survival	103			



INSIRE

# DELTA APPETIZER



BORN: 2021/07/02      KAPPA/BETA CASEIN: BB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+10%</b>
FERTILITY	102	INET	287
UDDER HEALTH	105	LONGEVITY	586
HOOF HEALTH	102	FEED EFFICIENCY	103



Production Traits				
DGHTRS 0 • HRDS 0 • 79% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
798	0.30	0.08	63	35

Total Index	
NVI	235

Conformation Traits      DGHTRS 0 • HRDS 0 • 87% REL

Trait	BV	96	100	108
Frame	105			
Dairy strength	103			
Udder	105			
Feet and legs	109			
Total Type	109			

Linear Traits

Trait	BV	96	100	108
Stature	102			
Strength	102			
Body depth	101			
Angularity	101			
Condition score	102			
Rump angle	99			
Rump width	102			
Rear legs rear view	108			
Rear legs side view	98			
Foot angle	105			
Locomotion	109			
Fore udder att.	104			
Front teat placement	109			
Teat length	100			
Udder depth	104			
Rear udder height	105			
Rear teat placement	107			
Udder balance	104			
Central Ligament	103			

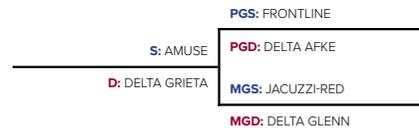
## Appetizer RF

Daughter Management traits

Trait	BV	96	100	108
Ketosis	103			
Milking speed	94			
SCC	106			
Temperament	97			
Dhtr Calving Ease	103			
Persistency	110			
Maturity Rate	105			

Sire Management traits

Trait	BV	96	100	108
Sire calving ease	99			
Vitality	102			
Calf survival	102			



INSIRE

# DELTA LUNAR



BORN: 2017/04/28      KAPPA/BETA CASEIN: BB / A1A2      SA ID: 90702150

<b>CRV HEALTH</b>	<b>+2%</b>	<b>CRV EFFICIENCY</b>	<b>+8%</b>
FERTILITY	98	INET	244
UDDER HEALTH	97	LONGEVITY	287
HOOF HEALTH	104	FEED EFFICIENCY	104



Production Traits				
DGHTRS 20,315 • HRDS 3,659 • 99% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
418	0.46	0.13	60	27

Total Index	
NVI	113

Conformation Traits      DGHTRS 12,532 • HRDS 2,177 • 99% REL

Trait	BV	96	100	108
Frame	102			
Dairy strength	104			
Udder	108			
Feet and legs	98			
Total Type	104			

Linear Traits

Trait	BV	96	100	108
Stature	101			
Strength	110			
Body depth	105			
Angularity	101			
Condition score	110			
Rump angle	103			
Rump width	98			
Rear legs rear view	99			
Rear legs side view	88			
Foot angle	111			
Locomotion	101			
Fore udder att.	110			
Front teat placement	104			
Teat length	101			
Udder depth	103			
Rear udder height	104			
Rear teat placement	103			
Udder balance	105			
Central Ligament	106			

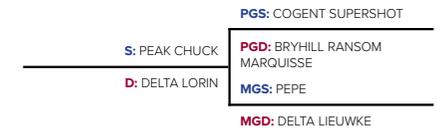
## Lunar

Daughter Management traits

Trait	BV	96	100	108
Ketosis	108			
Milking speed	95			
SCC	103			
Temperament	104			
Dhtr Calving Ease	102			
Persistency	109			
Maturity Rate	104			

Sire Management traits

Trait	BV	96	100	108
Sire calving ease	103			
Vitality	97			
Calf survival	104			



PROGENY PROVEN

# HOOGSTRATEN RICOCHET



# DELTA STATEMENT



BORN: 2022/04/23      KAPPA/BETA CASEIN: BB / A2A2      SA ID:

BORN: 2022/12/28      KAPPA/BETA CASEIN: BB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+3%</b>
FERTILITY	100	INET	287
UDDER HEALTH	103	LONGEVITY	232
HOOF HEALTH	103	FEED EFFICIENCY	99

<b>CRV HEALTH</b>	<b>+5%</b>	<b>CRV EFFICIENCY</b>	<b>+15%</b>
FERTILITY	104	INET	480
UDDER HEALTH	104	LONGEVITY	316
HOOF HEALTH	107	FEED EFFICIENCY	108



**Production Traits**      DGHTRS 0 • HRDS 0 • 76% REL

Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
539	0.32	0.24	53	41

**Production Traits**      DGHTRS 0 • HRDS 0 • 75% REL

Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
1,589	0.01	0.21	68	77

**Total Index**

NVI	174
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**Total Index**

NVI	317
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**Conformation Traits**      DGHTRS 0 • HRDS 0 • 86% REL

**Conformation Traits**      DGHTRS 0 • HRDS 0 • 85% REL

Trait	BV	96	100	108
Frame	99			
Dairy strength	103			
Udder	105			
Feet and legs	111			
Total Type	109			

Trait	BV	96	100	108
Frame	101			
Dairy strength	103			
Udder	107			
Feet and legs	106			
Total Type	108			

**Linear Traits**

**Linear Traits**

Trait	BV	96	100	108
Stature	99			
Strength	111			
Body depth	106			
Angularity	101			
Condition score	110			
Rump angle	97			
Rump width	98			
Rear legs rear view	111			
Rear legs side view	101			
Foot angle	100			
Locomotion	111			
Fore udder att.	105			
Front teat placement	105			
Teat length	98			
Udder depth	103			
Rear udder height	104			
Rear teat placement	104			
Udder balance	103			
Central Ligament	104			

Trait	BV	96	100	108
Stature	98			
Strength	101			
Body depth	97			
Angularity	102			
Condition score	102			
Rump angle	102			
Rump width	99			
Rear legs rear view	103			
Rear legs side view	97			
Foot angle	104			
Locomotion	107			
Fore udder att.	108			
Front teat placement	102			
Teat length	98			
Udder depth	105			
Rear udder height	107			
Rear teat placement	101			
Udder balance	104			
Central Ligament	96			

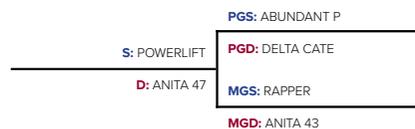
**RICOCHET**

**Daughter Management traits**

Trait	BV	96	100	108
Ketosis	105			
Milking speed	100			
SCC	103			
Temperament	103			
Dhtr Calving Ease	100			
Persistency	107			
Maturity Rate	103			

**Sire Management traits**

Trait	BV	96	100	108
Sire calving ease	103			
Vitality	102			
Calf survival	99			



INSIRE

**STATEMENT RF**

**Daughter Management traits**

Trait	BV	96	100	108
Ketosis	101			
Milking speed	100			
SCC	105			
Temperament	102			
Dhtr Calving Ease	101			
Persistency	104			
Maturity Rate	-			

**Sire Management traits**

Trait	BV	96	100	108
Sire calving ease	102			
Vitality	101			
Calf survival	101			



INSIRE

# DELTA FAST LANE



BORN: 2020/11/02      KAPPA/BETA CASEIN: AB / A1A2      SA ID:

<b>CRV HEALTH</b>	<b>+4%</b>	<b>CRV EFFICIENCY</b>	<b>+8%</b>
FERTILITY	104	INET	200
UDDER HEALTH	101	LONGEVITY	456
HOOF HEALTH	106	FEED EFFICIENCY	103



**Production Traits**      DGHTRS 0 • HRDS 0 • 80% REL

Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
367	0.31	0.13	44	25

**Total Index**

NVI	201
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**Conformation Traits**      DGHTRS 0 • HRDS 0 • 88% REL

Trait	BV	96	100	108
Frame	101			
Dairy strength	104			
Udder	107			
Feet and legs	107			
Total Type	108			

**Linear Traits**

Trait	BV	96	100	108
Stature	97			
Strength	102			
Body depth	100			
Angularity	102			
Condition score	102			
Rump angle	96			
Rump width	102			
Rear legs rear view	106			
Rear legs side view	99			
Foot angle	95			
Locomotion	109			
Fore udder att.	105			
Front teat placement	102			
Teat length	102			
Udder depth	104			
Rear udder height	110			
Rear teat placement	104			
Udder balance	109			
Central Ligament	102			

Fast Lane

**Daughter Management traits**

Trait	BV	96	100	108
Ketosis	104			
Milking speed	100			
SCC	101			
Temperament	100			
Dhtr Calving Ease	99			
Persistency	102			
Maturity Rate	103			

**Sire Management traits**

Trait	BV	96	100	108
Sire calving ease	102			
Vitality	103			
Calf survival	102			

S: PEAK REMINGTON      PGS: WELCOME ALTARESERVE ET  
 D: DELTA MAAN      PGD: PINE TREE SIRIUS ET  
 MGS: LUSTRUM  
 MGD: WILDER MONCHERRY



INSIRE

# T-SPRUCE JIMBEAM



BORN: 10/11/2022      KAPPA/BETA CASEIN: AB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+20%</b>
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**Indexes**

Feed Eff.	NM\$	CM\$	FM\$	TPI
112	1,118	1,137	984	3,096



**Production Traits**      DGHTRS • HRDS • 79% REL

lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein
1,248	0.22	0.09	113	65

Jimbeam

**Management/Health**

Sire CE	PL(mo)	DPR	SCC
2.1	4.9	-0.6	2.82

**Management/Health**

Trait	BV	-1	0	2
Total Type	1.58			
U Comp	1.78			
F&L Comp	0.79			

**Conformation**      DGHTRS • HRDS • 78% REL

Trait	BV	-1	0	2
Stature	0.58			
Strength	-0.47			
Body Depth	-0.19			
Dairy Form	1.64			
Rump Angle	-0.08			
Rump Width	0.52			
Rear Legs Side	0.79			
Rear Legs Rear	0.69			
Foot Angle	0.28			
Fore Udder Att.	1.98			
Rear Udder Height	2.34			
Rear Udder Width	2.13			
Udder Cleft	1.15			
Udder Depth	1.25			
Front Teat Placem.	1.25			
Rear Teat Placem.	1.47			
Teat Length	-0.74			

**Management**

Trait	BV	96	100	108
Hoof Health	103			
Locomotion	95			
Condition Score	95			
Ketosis	95			
Milking Speed	105			
Temperament	104			
Udder Health	100			
Persistency	103			
Maturity Rate	-			
Sire Calving Ease	99			

S: LARS-ACRES GEORGE MILLER      PGS: LEANINGHOUSE TAOS  
 D: T-SPRUCE CONWAY 16106      PGD: LARS-ACRES SSI 22899  
 MGS: SANDY-VALLEY R CONWAY  
 MGD: MERCEDES LIONEL LASS



INSIRE

# PEAK FACTOTUM



BORN: 5/21/2020      KAPPA/BETA CASEIN: BB / A1A2      SA ID:

CRV HEALTH +1%      CRV EFFICIENCY +1.1%

Indexes				
Feed Eff.	NM\$	CM\$	FM\$	TPI
104	897	916	766	2,939

Production Traits					DGHTRS • HRDS • 79% REL
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein	
874	0.21	0.09	94	53	



FACTOTUM

Management/Health			
Sire CE	PL(mo)	DPR	SCC
1.5	3.9	0.2	2.82

Trait	BV	-1	0	2
Total Type	1.39			
U Comp	2.25			
F&L Comp	0.23			

Conformation					DGHTRS • HRDS • 78% REL
Trait	BV	-1	0	2	
Stature	0.17				
Strength	-0.28				
Body Depth	-0.57				
Dairy Form	0.57				
Rump Angle	0.98				
Rump Width	0.58				
Rear Legs Side	-0.71				
Rear Legs Rear	-0.24				
Foot Angle	0.86				
Fore Udder Att.	2.43				
Rear Udder Height	2.78				
Rear Udder Width	2.66				
Udder Cleft	0.50				
Udder Depth	1.78				
Front Teat Placem.	0.92				
Rear Teat Placem.	0.83				
Teat Length	-0.65				

Management				
Trait	BV	96	100	108
Hoof Health	99			
Locomotion	96			
Condition Score	93			
Ketosis	98			
Milking Speed	104			
Temperament	104			
Udder Health	100			
Persistency	106			
Maturity Rate	-			
Sire Calving Ease	104			

S: EAK ALTAZAZZLE      PGS: PROGENESIS MARIUS  
 D: PEAK MARACA      PGD: PEAK ZENITH  
 MGS: PROGENESIS POSITIVE  
 MGD: PINE-TREE MANDOLIN



# FUSTSYN PARKER



BORN: 11/29/2020      KAPPA/BETA CASEIN: BB / A2A2      SA ID:

CRV HEALTH +2%      CRV EFFICIENCY +1.3%

Indexes				
Feed Eff.	NM\$	CM\$	FM\$	TPI
107	857	871	759	2,956

Production Traits					DGHTRS • HRDS • 82% REL
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein	
1,202	0.13	0.06	85	56	



PARKER

Management/Health			
Sire CE	PL(mo)	DPR	SCC
2.8	4.0	-1.9	2.85

Trait	BV	-1	0	2
Total Type	2.71			
U Comp	2.48			
F&L Comp	1.65			

Conformation					DGHTRS • HRDS • 81% REL
Trait	BV	-1	0	2	
Stature	1.09				
Strength	1.12				
Body Depth	0.95				
Dairy Form	1.26				
Rump Angle	-1.55				
Rump Width	2.72				
Rear Legs Side	0.20				
Rear Legs Rear	2.51				
Foot Angle	1.48				
Fore Udder Att.	2.30				
Rear Udder Height	3.60				
Rear Udder Width	3.36				
Udder Cleft	2.06				
Udder Depth	1.69				
Front Teat Placem.	0.48				
Rear Teat Placem.	1.40				
Teat Length	0.73				

Management				
Trait	BV	96	100	108
Hoof Health	102			
Locomotion	103			
Condition Score	95			
Ketosis	101			
Milking Speed	103			
Temperament	101			
Udder Health	98			
Persistency	102			
Maturity Rate	-			
Sire Calving Ease	95			

S: SIEMERS RENEGADE PERFECT      PGS: S-S-1 PR RENEGADE  
 D: SYNERGY BRASS PIPER      PGD: SIEMERS LMDA PARIS 27856  
 MGS: BLUMENFELD FRAZLD BRASS ET  
 MGD: SYNERGY DELTA PIPSQUEAK



# PEAK UPSWING



BORN: 8/31/2019      KAPPA/BETA CASEIN: AA / A2A2      SA ID:

**CRV HEALTH** +6% **CRV EFFICIENCY** +9%

Indexes				
Feed Eff.	NM\$	CM\$	FM\$	TPI
103	926	945	786	2,927

Production Traits				
DGHTRS 307 • HRDS 30 • 75% REL				
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein
365	0.32	0.10	104	40



UPSWING

Management/Health			
Sire CE	PL(mo)	DPR	SCC
1.7	4.9	-1.0	2.86

Trait	BV	-1	0	2
Total Type	1.70			
U Comp	1.66			
F&L Comp	0.86			

Conformation				
DGHTRS 138 • HRDS 17 • 92% REL				
Trait	BV	-1	0	2
Stature	0.99			
Strength	0.43			
Body Depth	0.04			
Dairy Form	0.91			
Rump Angle	0.40			
Rump Width	1.47			
Rear Legs Side	-0.32			
Rear Legs Rear	1.14			
Foot Angle	0.66			
Fore Udder Att.	1.79			
Rear Udder Height	1.80			
Rear Udder Width	2.59			
Udder Cleft	0.77			
Udder Depth	1.85			
Front Teat Placem.	0.95			
Rear Teat Placem.	0.96			
Teat Length	-1.40			

Management				
Trait	BV	96	100	108
Hoof Health	107			
Locomotion	102			
Condition Score	99			
Ketosis	101			
Milking Speed	105			
Temperament	104			
Udder Health	100			
Persistency	105			
Maturity Rate	98			
Sire Calving Ease	104			

**S:** PINE-TREE-I PURSUIT  
**D:** PEAK MARGE  
**PGS:** SILVERRIDGE V IMAX  
**PGD:** PINE-TREE 9882 PROF 7019  
**MGS:** S-S-I MONTROSS DUKE  
**MGD:** PEAK MYSTIQUE



PROGENY PROVEN

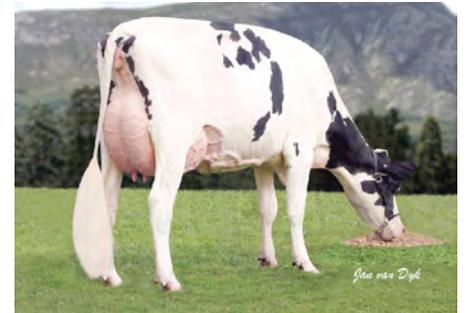
# PUTTERGILL GOLDWYN DON



BORN: 2011-05-25      KAPPA/BETA CASEIN:      SA ID: 2012830556

Production Traits				
DGHTRS 3 • HRDS 2 • 46% REL				
Milk	Fat Kg	Fat%	Protein Kg	Protein %
389	21.2	0.05	11.2	-0.02

Health Traits		
Inbreeding %	Somatic	Herd Life
5.47%	-17.48	102



Dam: Puttergill Donante Lorna 924

Conformation (SA Base)				
Trait	BV	96	100	108
Conformation Index	116			
Udder	119			
Feet & Legs	108			
Stature	106			
Chest Width	98			
Body Depth	102			
Angularity	106			
Rump Angle	105			
Rump Width	102			
Rear Legs, Rear	101			
Rear Legs, Side	102			
Foot Angle	99			
Fore Udder Attach.	106			
Front Teat Placem.	94			
Teat Length	106			
Udder Depth	105			
Rear Udder Height	106			
Rear Teat Placement	100			
Central Ligament	105			

**S:** BRAEDALE GOLDWYN  
**D:** PUTTERGILL DONANTE LORNA  
**PGS:** SHOREMAR JAMES  
**PGD:** BRAEDALE BALER TWIINE  
**MGS:** HILL VALLEY DON ANDANTE-ET  
**MGD:** PUTTERGILL EDDIE LADY



PROGENY PROVEN

# WAIT-AND-SEE ASPECT



# WAIT-AND-SEE VISION



BORN: 2020-08-25      KAPPA/BETA CASEIN:      SA ID: 91007138

BORN: 2020-06-30      KAPPA/BETA CASEIN:      SA ID: 91006908

Production Traits					DGHTRS • HRDS • 29% REL
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
428	57.3	0.38	33.8	0.18	



Aspect

Production Traits					DGHTRS • HRDS • 31% REL
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
197	30.5	0.22	16.1	0.09	



Vision

Health Traits		
Inbreeding %	Somatic	Herd Life
8.85%	-14.72	98

Health Traits		
Inbreeding %	Somatic	Herd Life
11.00%	-10.10	110

## Conformation (SA Base)

Trait	BV	96	100	108
Conformation Index	130			
Udder	116			
Feet & Legs	95			
Stature	106			
Chest Width	107			
Body Depth	108			
Angularity	104			
Rump Angle	96			
Rump Width	109			
Rear Legs, Rear	101			
Rear Legs, Side	97			
Foot Angle	105			
Fore Udder Attach.	109			
Front Teat Placem.	100			
Teat Length	103			
Udder Depth	102			
Rear Udder Height	105			
Rear Teat Placement	99			
Central Ligament	101			

S: ABS CRIMSON-ET  
D: WAIT-AND-SEE ANNA 725

PGS: DE-SU 13050 SPECTRE-ET  
PGD: ENDCO RUBICON CORE-ET  
MGS: BRANDVALE STOIC DAMIEN-ET  
MGD: WAIT-AND-SEE ANNA 563



INSIRE

## Conformation (SA Base)

Trait	BV	96	100	108
Conformation Index	116			
Udder	104			
Feet & Legs	108			
Stature	103			
Chest Width	100			
Body Depth	99			
Angularity	100			
Rump Angle	103			
Rump Width	95			
Rear Legs, Rear	101			
Rear Legs, Side	101			
Foot Angle	98			
Fore Udder Attach.	100			
Front Teat Placem.	102			
Teat Length	96			
Udder Depth	101			
Rear Udder Height	102			
Rear Teat Placement	102			
Central Ligament	98			

S: ABS ACHIEVER0ET  
D: WAIT-AND-SEE VVYVAN 229

PGS: WOODCREST MOGUL YODER-ET  
PGD: COMPASS0TRT AMRC AE J9250ET  
MGS: SEAGULL-BAY SUPERSIRE  
MGD: WAIT-AND-SEE VVYVAN 206



INSIRE

# MEANDER SHOT ALIBI-ET S3F



BORN: 18/07/2016      KAPPA/BETA CASEIN: BE / A1A2      SA ID: 95359600

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	380 / 89	394	4.9	69.8
BA	177	222	1.1	55



### CRV Efficiency 6

131 DGHTRS • 53 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1180	36	3.6	50	4.6	86
BA	950	33	3.8	26	4.4	59



### CRV Health 10

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.4	0.11	-1.12	0.5	-0.3	-10.2
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.5</b>	0.22				
Shed Temperament	<b>0.52</b>	0.22				
Milking Speed	<b>0.12</b>	0.05				
Overall Opinion	<b>0.6</b>	0.31				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	<b>1.43</b>	0.97				
Capacity	<b>0.19</b>	0.18				
Rump angle	<b>0.24</b>	-0.04				
Rump width	<b>0.36</b>	0.45				
Legs	<b>-0.38</b>	-0.12				
Udder support	<b>1.23</b>	0.55				
Front udder	<b>0.9</b>	0.42				
Rear udder	<b>0.92</b>	0.42				
Front teat	<b>0.47</b>	0.22				
Rear teat	<b>0.99</b>	0.44				
Udder overall	<b>1.17</b>	0.54				
Dairy conformation	<b>0.39</b>	0.33				



Alibi



Alibi daughter



Alibi daughter

**PGS:** SEAGULL-BAY SUPER-SIRE-ET  
**S:** COGENT SUPERSHOT BLF BYF CVF  
**D:** MEANDER FMI APRIL S2F  
**PGD:** ROSE SUPERSHOT  
**MGS:** FARMSIDE M ILLUSTRIOUS S3F  
**MGD:** MEANDER JUSTICE AJA SIF



PROGENY PROVEN

# MIDDLEVALE TOP MOZART S2F



BORN: 4/09/2017      KAPPA/BETA CASEIN: AB / A1A2      SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	356 / 86	396	2.6	44.3
BA	177	222	1.1	55



### CRV Efficiency 9

106 DGHTRS • 33 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1224	46	3.8	44	4.5	90
BA	950	33	3.8	26	4.4	59



### CRV Health 3

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	1.5	0.06	0.89	1.2	0	-1.4
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.33</b>	0.22				
Shed Temperament	<b>0.32</b>	0.22				
Milking Speed	<b>0.32</b>	0.05				
Overall Opinion	<b>0.48</b>	0.31				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.68</b>	0.97				
Capacity	<b>0.75</b>	0.18				
Rump angle	<b>0.37</b>	-0.04				
Rump width	<b>0.37</b>	0.45				
Legs	<b>0.05</b>	-0.12				
Udder support	<b>0.68</b>	0.55				
Front udder	<b>0.45</b>	0.42				
Rear udder	<b>0.37</b>	0.42				
Front teat	<b>0.51</b>	0.22				
Rear teat	<b>0.93</b>	0.44				
Udder overall	<b>0.65</b>	0.54				
Dairy conformation	<b>0.81</b>	0.33				



Mozart

**PGS:** MAIRE PF GOLDEN BOY S2F  
**S:** PADRUTTS GB TOPNOTCH S2F  
**D:** MIDDLEVALE B MERCEDES S3F  
**PGD:** SAN RAY FM BEAMER-ET S2F  
**MGD:** MIDDLEVALE EXTASY MOLISSA

PROGENY PROVEN

# TRONNOCO FIRE DIJON S2F



BORN: 31/07/2017

KAPPA/BETA CASEIN: AB / A2A2

SA ID: 936890110

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	285 / 88	442	2.6	97
BA	177	222	1.1	55



## CRV Efficiency 4

138 DGHTRS • 54 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1130	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	3.1	0.5	-6.1
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.53</b>	0.22				
Shed Temperament	<b>0.55</b>	0.22				
Milking Speed	<b>-0.07</b>	0.05				
Overall Opinion	<b>0.6</b>	0.31				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.8</b>	0.97				
Capacity	<b>0.65</b>	0.18				
Rump angle	<b>0.68</b>	-0.04				
Rump width	<b>0.43</b>	0.45				
Legs	<b>0.11</b>	-0.12				
Udder support	<b>0.97</b>	0.55				
Front udder	<b>0.58</b>	0.42				
Rear udder	<b>0.68</b>	0.42				
Front teat	<b>0.42</b>	0.22				
Rear teat	<b>0.86</b>	0.44				
Udder overall	<b>0.9</b>	0.54				
Dairy conformation	<b>0.66</b>	0.33				



Dijon



Dijon daughter



Dijon daughter

S: MAIRE MINT FIRE-UP  
 D: TRONNOCO REM DIAHAN S1F  
 PGS: FAIRMONT MINT-EDITION  
 PGD: MAIRE OMAN FIRE  
 MGS: VAN HEUVENS VA REMEDY S1F  
 MGD: TRONNOCO ILLUS DIELLA S3F



PROGENY PROVEN

# MEANDER MAX ANCHOR-ET S2F



BORN: 17/07/2018

KAPPA/BETA CASEIN: BB / A1A2

SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	441 / 84	464	3.3	45.5
BA	177	222	1.1	55



## CRV Efficiency 10

108 DGHTRS • 33 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	775	39	4	52	5	91
BA	950	33	3.8	26	4.4	59



## CRV Health 5

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3	-0.04	-0.12	1.8	1.6	-0.8
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.65</b>	0.22				
Shed Temperament	<b>0.67</b>	0.22				
Milking Speed	<b>0.05</b>	0.05				
Overall Opinion	<b>0.71</b>	0.31				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.34</b>	0.97				
Capacity	<b>0.77</b>	0.18				
Rump angle	<b>0.03</b>	-0.04				
Rump width	<b>0.66</b>	0.45				
Legs	<b>-0.05</b>	-0.12				
Udder support	<b>0.9</b>	0.55				
Front udder	<b>0.8</b>	0.42				
Rear udder	<b>0.57</b>	0.42				
Front teat	<b>0.47</b>	0.22				
Rear teat	<b>0.78</b>	0.44				
Udder overall	<b>0.9</b>	0.54				
Dairy conformation	<b>0.78</b>	0.33				



Anchor



Anchor daughter



Anchor daughter

S: BOTHWELL WT MAXIMA S2F  
 D: MEANDER INCA AVRIL-ET S3F  
 PGS: WAIU MAX TOMMO S3F  
 PGD:  
 MGS: GYDELAND EXCEL INCA S3F  
 MGD: MEANDER FMI APRIL S2F



PROGENY PROVEN

# GLENMEAD GAUNT MOTTO S1F



BORN: 10/07/2018 KAPPA/BETA CASEIN: BB / A2A2 SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	267 / 89	391	0.7	91
BA	177	222	1.1	55



## CRV Efficiency 6

142 DGHTRS • 44 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1489	52	3.7	34	4.1	86
BA	950	33	3.8	26	4.4	59



## CRV Health 5

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-3.1	0.31	0.43	3.3	0.2	4.5
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.62</b>	0.22				
Shed Temperament	<b>0.63</b>	0.22				
Milking Speed	<b>0.44</b>	0.05				
Overall Opinion	<b>0.72</b>	0.31				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	<b>1.03</b>	0.97				
Capacity	<b>0.99</b>	0.18				
Rump angle	<b>-0.22</b>	-0.04				
Rump width	<b>0.75</b>	0.45				
Legs	<b>-0.06</b>	-0.12				
Udder support	<b>0.78</b>	0.55				
Front udder	<b>0.6</b>	0.42				
Rear udder	<b>0.8</b>	0.42				
Front teat	<b>0.46</b>	0.22				
Rear teat	<b>0.35</b>	0.44				
Udder overall	<b>0.93</b>	0.54				
Dairy conformation	<b>0.93</b>	0.33				



Motto



Motto daughter



Motto daughter

S: MAIRE IG GAUNTLET-ET  
 D: GLENMEAD ILLUST MAY S0F  
 PGS: INVERNIA TGF IGNITION S3F  
 PGD: MAIRE SPICY GABRIELLA-ET  
 MGS: FARSIDE M ILLUSTRIOUS S3F  
 MGD:



PROGENY PROVEN

# LIGHTBURN GOLD GETAFIX-ET



BORN: 24/07/2019 KAPPA/BETA CASEIN: AB / A1A2 SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	525 / 80	511	1.1	71.7
BA	177	222	1.1	55



## CRV Efficiency 7

76 DGHTRS • 29 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1260	53	3.9	70	4.9	123
BA	950	33	3.8	26	4.4	59



## CRV Health 2

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-5.3	0.09	0.23	2.2	0.2	-5.7
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.49</b>	0.22				
Shed Temperament	<b>0.5</b>	0.22				
Milking Speed	<b>0.21</b>	0.05				
Overall Opinion	<b>0.56</b>	0.31				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.74</b>	0.97				
Capacity	<b>0.92</b>	0.18				
Rump angle	<b>-0.32</b>	-0.04				
Rump width	<b>0.06</b>	0.45				
Legs	<b>0.16</b>	-0.12				
Udder support	<b>0.47</b>	0.55				
Front udder	<b>0.55</b>	0.42				
Rear udder	<b>0.06</b>	0.42				
Front teat	<b>0.19</b>	0.22				
Rear teat	<b>0.5</b>	0.44				
Udder overall	<b>0.37</b>	0.54				
Dairy conformation	<b>0.89</b>	0.33				



Getafix



Getafix daughter



Getafix daughter

S: MAIRE FI GOLDDIGGER  
 D: LIGHTBURN HOT GWEN-ET S3F  
 PGS: FARSIDE M ILLUSTRIOUS S3F  
 PGD: MAIRE FIRENZE GINA-ET  
 MGS: MOURNE GROVE HOTHOUSE S2F  
 MGD: LIGHTBURN IGN GRETA-ET



PROGENY PROVEN

# MAIRE MAX GRAFFITI S3F



BORN: 15/07/2019

KAPPA/BETA CASEIN: AB / A2A2

SA ID:

## Breeding Indicators

	BW / Rel	Func Survival	LiveWt
BV	325 / 86	2.9	79.7
BA	177	1.1	55



## CRV Efficiency 3

108 DGHTRS • 39 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1035	43	3.9	48	4.7	91
BA	950	33	3.8	26	4.4	59



## CRV Health 2

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-0.6	0.09	0.33	1.8	1.7	-4.1
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.27</b>	0.22				
Shed Temperament	<b>0.28</b>	0.22				
Milking Speed	<b>0.02</b>	0.05				
Overall Opinion	<b>0.41</b>	0.31				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.35</b>	0.97				
Capacity	<b>0.73</b>	0.18				
Rump angle	<b>-0.05</b>	-0.04				
Rump width	<b>0.31</b>	0.45				
Legs	<b>-0.01</b>	-0.12				
Udder support	<b>0.65</b>	0.55				
Front udder	<b>0.61</b>	0.42				
Rear udder	<b>0.31</b>	0.42				
Front teat	<b>0.33</b>	0.22				
Rear teat	<b>0.91</b>	0.44				
Udder overall	<b>0.57</b>	0.54				
Dairy conformation	<b>0.78</b>	0.33				



Graffiti

PGS: WAIWAI MAX TOMMO S3F  
 PGD:  
 S: BOTHWELL WT MAXIMA S2F  
 D: MAIRE BLITZ GRETTY-ET  
 MGS: GREENWELL TF BLITZ-ET S3F  
 MGD: MAIRE ECLIPSE GRETAL-ET



PROGENY PROVEN

# MEANDER BV FLYHIGH-ET S3F



BORN: 2/08/2019

KAPPA/BETA CASEIN: AB / A1A2

SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	460 / 81	465	2.6	103
BA	177	222	1.1	55



## CRV Efficiency 6

85 DGHTRS • 31 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1256	53	3.9	60	4.8	113
BA	950	33	3.8	26	4.4	59



## CRV Health 7

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3	0.14	-0.08	2.6	1.3	-2.4
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.63</b>	0.22				
Shed Temperament	<b>0.64</b>	0.22				
Milking Speed	<b>0.3</b>	0.05				
Overall Opinion	<b>0.63</b>	0.31				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>1.08</b>	0.97				
Capacity	<b>0.91</b>	0.18				
Rump angle	<b>0.31</b>	-0.04				
Rump width	<b>0.36</b>	0.45				
Legs	<b>0</b>	-0.12				
Udder support	<b>0.58</b>	0.55				
Front udder	<b>0.54</b>	0.42				
Rear udder	<b>0.49</b>	0.42				
Front teat	<b>-0.05</b>	0.22				
Rear teat	<b>0.05</b>	0.44				
Udder overall	<b>0.53</b>	0.54				
Dairy conformation	<b>1.06</b>	0.33				



Flyhigh



Flyhigh daughter



Flyhigh daughter

PGS: WEARNES FE TE POI S3F  
 PGD: BUSY BROOK GB VIVIEN S2F  
 S: BUSY BROOK WTP VECTOR S3F  
 D: MEANDER 15-19-ET S2F  
 MGS: GREENWELL FI BLADE S3F  
 MGD: MEANDER OLYMP FRANCES S1F



PROGENY PROVEN

# GLENMEAD O SURF-ET S2F



BORN: 9/07/2019 KAPPA/BETA CASEIN: AB / A2A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	370 / 79	476	2	69.1
BA	177	222	1.1	55



### CRV Efficiency 5

84 DGHTRS • 32 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1734	60	3.7	43	4.1	103
BA	950	33	3.8	26	4.4	59



### CRV Health 3

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-1.3	-0.05	0.05	-0.1	0.6	-4.9
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.38</b>	0.22				
Shed Temperament	<b>0.39</b>	0.22				
Milking Speed	<b>0.16</b>	0.05				
Overall Opinion	<b>0.44</b>	0.31				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.89</b>	0.97				
Capacity	<b>0.65</b>	0.18				
Rump angle	<b>-0.16</b>	-0.04				
Rump width	<b>0.45</b>	0.45				
Legs	<b>0.03</b>	-0.12				
Udder support	<b>0.38</b>	0.55				
Front udder	<b>0.09</b>	0.42				
Rear udder	<b>0.76</b>	0.42				
Front teat	<b>0.23</b>	0.22				
Rear teat	<b>-0.05</b>	0.44				
Udder overall	<b>0.58</b>	0.54				
Dairy conformation	<b>0.58</b>	0.33				



Surf



Surf daughter

**S:** BUSY BROOK OMAH-ET-OC S2F  
**D:** GLENMEAD ESTEEM SARAH S1F  
**PGS:** MARCHEL FIRE MACCA-OC S2F  
**PGD:** KIWI EXTASY OLIVE S2F  
**MGS:** WHINLEA PF ESTEEM-ET S2F  
**MGD:** GLENMEAD ILLUSTR MAY S0F



PROGENY PROVEN

# CROSSROADS GOLD OCTAVE



BORN: 24/03/2019 KAPPA/BETA CASEIN: AB / A1A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	414 / 84	503	0	42.8
BA	177	222	1.1	55



### CRV Efficiency 10

100 DGHTRS • 34 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1850	57	3.6	55	4.2	112
BA	950	33	3.8	26	4.4	59



### CRV Health 0

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-4.4	-0.11	-0.48	1.8	0.4	-3.6
BA	-3.2	0.00	0.02	1.8	0.8	-2.4

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.53</b>	0.22				
Shed Temperament	<b>0.55</b>	0.22				
Milking Speed	<b>0.03</b>	0.05				
Overall Opinion	<b>0.5</b>	0.31				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>0.94</b>	0.97				
Capacity	<b>0.28</b>	0.18				
Rump angle	<b>-0.3</b>	-0.04				
Rump width	<b>1.13</b>	0.45				
Legs	<b>0.07</b>	-0.12				
Udder support	<b>0.98</b>	0.55				
Front udder	<b>1.04</b>	0.42				
Rear udder	<b>0.72</b>	0.42				
Front teat	<b>0.28</b>	0.22				
Rear teat	<b>0.73</b>	0.44				
Udder overall	<b>0.95</b>	0.54				
Dairy conformation	<b>0.68</b>	0.33				



Octave



Octave daughter



Octave daughter

**S:** MAIRE FI GOLDDIGGER  
**D:** CROSSROADS SS OLGAS  
**PGS:** FARSIDE M ILLUSTRIOUS S3F  
**PGD:** MAIRE FIRENZE GINA-ET  
**MGS:** SEAGULL-BAY SUPER-SIRE-ET  
**MGD:** CROSSROADS TOY OLGAS S3F



PROGENY PROVEN

## Red and White



# DELTA RAVEL - RED



BORN: 2018/11/07      BETA CASEIN: A2A2      SA ID: 91773838

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+14%</b>
FERTILITY	102	INET	284
UDDER HEALTH	102	LONGEVITY	272
HOOF HEALTH	101	FEED EFFICIENCY	108



Production Traits				
DGHTRS <b>892</b> • HRDS <b>488</b> • 92% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
1,097	0.19	-0.08	67	32

Total Index	
NVI	194

### Conformation Traits

DGHTRS **328** • HRDS **198** • 97% REL

Trait	BV	96	100	108
Frame	99			
Dairy strength	99			
Udder	107			
Feet and legs	102			
Total Type	104			

### Linear Traits

Trait	BV	96	100	108
Stature	96			
Strength	96			
Body depth	101			
Angularity	102			
Condition score	95			
Rump angle	96			
Rump width	101			
Rear legs rear view	101			
Rear legs side view	100			
Foot angle	100			
Locomotion	102			
Fore udder att.	106			
Front teat placement	101			
Teat length	101			
Udder depth	103			
Rear udder height	107			
Rear teat placement	104			
Udder balance	100			
Central Ligament	105			

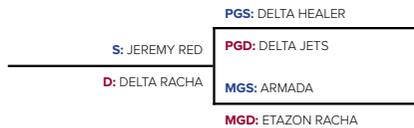
### Ravel

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	101			
Milking speed	104			
SCC	102			
Temperament	100			
Dhtr Calving Ease	104			
Persistency	107			
Maturity Rate	102			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	101			
Vitality	103			
Calf survival	98			



# DELTA DRONE PP - RED



BORN: 2020/11/18      KAPPA/BETA CASEIN: AE / A1A2      SA ID:

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+13%</b>
FERTILITY	100	INET	445
UDDER HEALTH	104	LONGEVITY	367
HOOF HEALTH	103	FEED EFFICIENCY	107



Production Traits				
DGHTRS <b>0</b> • HRDS <b>0</b> • 79% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
1,370	0.28	0.09	88	58

Total Index	
NVI	251

### Conformation Traits

DGHTRS **0** • HRDS **0** • 88% REL

Trait	BV	96	100	108
Frame	106			
Dairy strength	103			
Udder	103			
Feet and legs	106			
Total Type	107			

### Linear Traits

Trait	BV	96	100	108
Stature	103			
Strength	105			
Body depth	105			
Angularity	105			
Condition score	100			
Rump angle	103			
Rump width	99			
Rear legs rear view	104			
Rear legs side view	103			
Foot angle	100			
Locomotion	106			
Fore udder att.	103			
Front teat placement	106			
Teat length	111			
Udder depth	100			
Rear udder height	104			
Rear teat placement	106			
Udder balance	103			
Central Ligament	106			

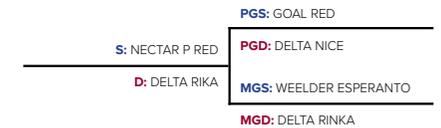
### Drone

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	102			
Milking speed	97			
SCC	105			
Temperament	99			
Dhtr Calving Ease	102			
Persistency	107			
Maturity Rate	102			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	105			
Vitality	96			
Calf survival	109			



# DELTA BEARCAT - RED



BORN: 2021/12/09      KAPPA/BETA CASEIN: AB / A2A2      SA ID:

<b>CRV HEALTH</b>	<b>+3%</b>	<b>CRV EFFICIENCY</b>	<b>+8%</b>
FERTILITY	100	INET	281
UDDER HEALTH	104	LONGEVITY	291
HOOF HEALTH	103	FEED EFFICIENCY	103



Production Traits				
DGHTRS 0 • HRDS 0 • 77% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
687	0.15	0.21	44	43

Total Index	
NVI	190

### Conformation Traits

DGHTRS 0 • HRDS 0 • 87% REL

Trait	BV	96	100	108
Frame	102			
Dairy strength	104			
Udder	106			
Feet and legs	109			
Total Type	109			

### Linear Traits

Trait	BV	96	100	108
Stature	96			
Strength	106			
Body depth	103			
Angularity	103			
Condition score	103			
Rump angle	99			
Rump width	104			
Rear legs rear view	109			
Rear legs side view	99			
Foot angle	101			
Locomotion	109			
Fore udder att.	106			
Front teat placement	111			
Teat length	97			
Udder depth	105			
Rear udder height	104			
Rear teat placement	105			
Udder balance	106			
Central Ligament	104			

### Bearcat

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	105			
Milking speed	99			
SCC	106			
Temperament	97			
Dhtr Calving Ease	101			
Persistency	109			
Maturity Rate	109			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	103			
Vitality	102			
Calf survival	97			



INSIRE

# DELTA JACUZZI RED



BORN: 2017/04/05      KAPPA/BETA CASEIN: AE / A1A2      SA ID: 90451170

<b>CRV HEALTH</b>	<b>+2%</b>	<b>CRV EFFICIENCY</b>	<b>+12%</b>
FERTILITY	98	INET	423
UDDER HEALTH	106	LONGEVITY	177
HOOF HEALTH	102	FEED EFFICIENCY	105



Production Traits				
DGHTRS 4,122 • HRDS 1,375 • 99% REL				
Kg Milk	Fat%	Protein%	Kg Fat	Kg Protein
894	0.73	0.15	106	46

Total Index	
NVI	231

### Conformation Traits

DGHTRS 2,253 • HRDS 770 • 99% REL

Trait	BV	96	100	108
Frame	99			
Dairy strength	103			
Udder	104			
Feet and legs	107			
Total Type	106			

### Linear Traits

Trait	BV	96	100	108
Stature	104			
Strength	103			
Body depth	98			
Angularity	105			
Condition score	99			
Rump angle	96			
Rump width	101			
Rear legs rear view	109			
Rear legs side view	92			
Foot angle	107			
Locomotion	109			
Fore udder att.	102			
Front teat placement	102			
Teat length	97			
Udder depth	106			
Rear udder height	105			
Rear teat placement	104			
Udder balance	99			
Central Ligament	103			

### Jacuzzi

#### Daughter Management traits

Trait	BV	96	100	108
Ketosis	99			
Milking speed	92			
SCC	110			
Temperament	100			
Dhtr Calving Ease	103			
Persistency	107			
Maturity Rate	109			

#### Sire Management traits

Trait	BV	96	100	108
Sire calving ease	101			
Vitality	101			
Calf survival	106			



PROGENY PROVEN

**Jersey**



# WALLACEDALE STARK PP



BORN: 29/08/2021      KAPPA/BETA CASEIN: BB / A2A2      SA ID: 95459103

Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
627	33	-0.02%	26	0.10%	192

Indexes		
Survival	Cell Count	Daughter Fertility
107	111	95
57% rel	69% rel	58% rel

Type			
Trait	BV	96	100
Overall Type	106	[Bar chart]	
Mammary System	110	[Bar chart]	

Trait	BV	96	100
Stature	99	[Bar chart]	
Bone Quality	102	[Bar chart]	
Angularity	108	[Bar chart]	
Muzzle Width	110	[Bar chart]	
Body Depth	101	[Bar chart]	
Chest Width	100	[Bar chart]	
Pin Width	109	[Bar chart]	
Pin Set	110	[Bar chart]	
Loin Strength	105	[Bar chart]	
Foot Angle	106	[Bar chart]	
Rear Leg Set	107	[Bar chart]	
Rear Leg Rear View	110	[Bar chart]	
Udder Texture	106	[Bar chart]	
Udder Depth	100	[Bar chart]	
Fore Attach	100	[Bar chart]	
Rear Att Height	107	[Bar chart]	
Rear Att Width	110	[Bar chart]	
Centre Ligament	111	[Bar chart]	
Teat Place Front	102	[Bar chart]	
Teat Place Rear	111	[Bar chart]	
Teat Length	92	[Bar chart]	



Stark

Workability			
Trait	BV	96	100
Milking Speed	104	[Bar chart]	
Temperament	104	[Bar chart]	
Likeability	106	[Bar chart]	

- » 100% Guarantee with a NO horns Policy
- » #1 and standout Homozygous Jersey bull of the breed
- » His dam, one of the most admired young cows in the breed

PIXSTAR P X TAHBILK



INSIRE

# WALLACEDALE GOLDBAND P



BORN: 12/03/2021      KAPPA/BETA CASEIN: BB / A2A2      SA ID: 93902203

Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
200	17	0.11%	16	0.19%	124

Indexes		
Survival	Cell Count	Daughter Fertility
109	116	97
55% rel	68% rel	58% rel

Type			
Trait	BV	96	100
Overall Type	108	[Bar chart]	
Mammary System	109	[Bar chart]	

Trait	BV	96	100
Stature	96	[Bar chart]	
Bone Quality	106	[Bar chart]	
Angularity	107	[Bar chart]	
Muzzle Width	106	[Bar chart]	
Body Depth	104	[Bar chart]	
Chest Width	107	[Bar chart]	
Pin Width	106	[Bar chart]	
Pin Set	105	[Bar chart]	
Loin Strength	111	[Bar chart]	
Foot Angle	102	[Bar chart]	
Rear Leg Set	106	[Bar chart]	
Rear Leg Rear View	105	[Bar chart]	
Udder Texture	107	[Bar chart]	
Udder Depth	100	[Bar chart]	
Fore Attach	106	[Bar chart]	
Rear Att Height	106	[Bar chart]	
Rear Att Width	105	[Bar chart]	
Centre Ligament	104	[Bar chart]	
Teat Place Front	104	[Bar chart]	
Teat Place Rear	100	[Bar chart]	
Teat Length	102	[Bar chart]	



Goldband

Workability			
Trait	BV	96	100
Milking Speed	104	[Bar chart]	
Temperament	107	[Bar chart]	
Likeability	108	[Bar chart]	

- » POLLED sire in high demand, MUST order early
- » Six Generations of Excellent Dams
- » Production, Conformation and Health Traits in the same package

POLLEDGOLD X BANDANNA



INSIRE

# KINGS VILLE BEDFORD P



BORN: 24/08/2020	KAPPA/BETA CASEIN: AB / A2A2	SA ID: 93902336
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Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
678	26	-0.19%	21	-0.05%	139

Indexes		
Survival	Cell Count	Daughter Fertility
108	122	93
54% rel	70% rel	56% rel

Type			
Trait	BV	96	100
Overall Type	107		
Mammary System	107		

Trait	BV	96	100
Stature	103		
Bone Quality	104		
Angularity	105		
Muzzle Width	107		
Body Depth	106		
Chest Width	105		
Pin Width	104		
Pin Set	98		
Loin Strength	104		
Foot Angle	100		
Rear Leg Set	102		
Rear Leg Rear View	106		
Udder Texture	105		
Udder Depth	102		
Fore Attach	102		
Rear Att Height	102		
Rear Att Width	106		
Centre Ligament	108		
Teat Place Front	104		
Teat Place Rear	104		
Teat Length	103		



Bedford

Workability			
Trait	BV	96	100
Milking Speed	104		
Temperament	107		
Likeability	108		

» Popular choice for POLLED Jersey bloodline

BASHFUL P X VOLCANO



INSIRE

# BERCAR BESTYET



BORN: 27/07/2019	KAPPA/BETA CASEIN: BB / A2A2	SA ID:
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Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
485	15	-0.22%	20	0.08%	128

Indexes		
Survival	Cell Count	Daughter Fertility
109	140	99
65% rel	73% rel	64% rel

Type			
Trait	BV	96	100
Overall Type	104		
Mammary System	108		

Trait	BV	96	100
Stature	97		
Bone Quality	108		
Angularity	110		
Muzzle Width	107		
Body Depth	107		
Chest Width	98		
Pin Width	102		
Pin Set	106		
Loin Strength	101		
Foot Angle	105		
Rear Leg Set	110		
Rear Leg Rear View	107		
Udder Texture	100		
Udder Depth	98		
Fore Attach	101		
Rear Att Height	110		
Rear Att Width	107		
Centre Ligament	103		
Teat Place Front	103		
Teat Place Rear	106		
Teat Length	95		



Bestyet

Workability			
Trait	BV	96	100
Milking Speed	101		
Temperament	104		
Likeability	106		

» Now with early daughters calving  
 » Strength and Width and should be used to improve udder shape  
 » A nice balance of Production, Conformation and Health traits

OLIVER P X RACEWAY



PROGENY PROVEN

# LOXLEIGH IZUKU VENTURA P



BORN: 21/08/2022      KAPPA/BETA CASEIN: / A2A2      SA ID:

Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
620	27	-0.11%	22	0.02%	155

Indexes		
Survival	Cell Count	Daughter Fertility
108	116	96
53% rel	67% rel	52% rel

Type			
Trait	BV	96	100
Overall Type	111		
Mammary System	110		

Trait	BV	96	100
Stature	106		
Bone Quality	102		
Angularity	105		
Muzzle Width	111		
Body Depth	108		
Chest Width	107		
Pin Width	106		
Pin Set	102		
Loin Strength	107		
Foot Angle	106		
Rear Leg Set	109		
Rear Leg Rear View	106		
Udder Texture	104		
Udder Depth	100		
Fore Attach	106		
Rear Att Height	109		
Rear Att Width	106		
Centre Ligament	107		
Teat Place Front	103		
Teat Place Rear	106		
Teat Length	100		



Ventura

Workability			
Trait	BV	96	100
Milking Speed	101		
Temperament	106		
Likeability	107		

» The next generation of POLLED jersey sires  
 » A sire packed with Dairy Strength...MUST order this bull early in 2024 to avoid disappointment  
 » Same family as INVINCIBLE, 2nd dam in the pedigree is the dam of INVINCIBLE

IZUKU X TAHBILK

INSIRE

# LOXLEIGH ROULETTE IRYMPLE



BORN: 21/09/2022      KAPPA/BETA CASEIN: / A2A2      SA ID:

Production					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
417	34	0.22%	21	0.16%	182

Indexes		
Survival	Cell Count	Daughter Fertility
109	121	101

Type			
Trait	BV	96	100
Overall Type	110		
Mammary System	109		

Trait	BV	96	100
Stature	107		
Bone Quality	104		
Angularity	108		
Muzzle Width	108		
Body Depth	102		
Chest Width	103		
Pin Width	107		
Pin Set	104		
Loin Strength	102		
Foot Angle	104		
Rear Leg Set	97		
Rear Leg Rear View	97		
Udder Texture	105		
Udder Depth	101		
Fore Attach	101		
Rear Att Height	105		
Rear Att Width	108		
Centre Ligament	107		
Teat Place Front	106		
Teat Place Rear	108		
Teat Length	98		



Irymple

Workability			
Trait	BV	96	100
Milking Speed	102		
Temperament	104		
Likeability	106		

» Roulette son from the impressive "Iris" cow family in one of Australia's best Jersey herds  
 » Impressive type improver +110 Type & +109 Mammary  
 » Ideal for grazing systems- 108 for muzzle width  
 » No. 1 Bull in Australia

ROULETTE X VALENTINO

INSIRE

# BROOKBORA AEROGLEN



BORN: 14/03/2022      KAPPA/BETA CASEIN: / A2A2      SA ID:

Production					
DGHTRS 0 • HRDS 0 • 76% REL					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
257	22	0.15%	17	0.17%	137

Indexes		
Survival	Cell Count	Daughter Fertility
112	141	96
52% rel	65% rel	50% rel

Type			
DGHTRS 0 • HRDS 0 • 59% REL			
Trait	BV	96	100
Overall Type	108	[Progress bar]	
Mammary System	111	[Progress bar]	

Trait	BV	96	100
Stature	103	[Progress bar]	
Bone Quality	104	[Progress bar]	
Angularity	109	[Progress bar]	
Muzzle Width	105	[Progress bar]	
Body Depth	101	[Progress bar]	
Chest Width	102	[Progress bar]	
Pin Width	98	[Progress bar]	
Pin Set	106	[Progress bar]	
Loin Strength	104	[Progress bar]	
Foot Angle	104	[Progress bar]	
Rear Leg Set	112	[Progress bar]	
Rear Leg Rear View	107	[Progress bar]	
Udder Texture	105	[Progress bar]	
Udder Depth	105	[Progress bar]	
Fore Attach	106	[Progress bar]	
Rear Att Height	112	[Progress bar]	
Rear Att Width	107	[Progress bar]	
Centre Ligament	102	[Progress bar]	
Teat Place Front	104	[Progress bar]	
Teat Place Rear	104	[Progress bar]	
Teat Length	96	[Progress bar]	



Aeroglen

Workability			
Trait	BV	96	100
Milking Speed	103	[Progress bar]	
Temperament	107	[Progress bar]	
Likeability	108	[Progress bar]	

» Outstanding farmer workabilities and sired by the #1 BPI sire of the breed in BORUNG

BORUNG X OLIVER P



# BUSHLEA BIG TOP



BORN: 11/05/2021      KAPPA/BETA CASEIN: / A2A2      SA ID:

Production					
DGHTRS 0 • HRDS 0 • 79% REL					
Milk	Fat Kg	Fat %	Protein Kg	Protein %	ASI
423	28	0.10%	14	0.00%	121

Indexes		
Survival	Cell Count	Daughter Fertility
111	121	97

Type			
DGHTRS 0 • HRDS 0 • 65% REL			
Trait	BV	96	100
Overall Type	109	[Progress bar]	
Mammary System	112	[Progress bar]	

Trait	BV	96	100
Stature	104	[Progress bar]	
Bone Quality	102	[Progress bar]	
Angularity	107	[Progress bar]	
Muzzle Width	101	[Progress bar]	
Body Depth	103	[Progress bar]	
Chest Width	102	[Progress bar]	
Pin Width	108	[Progress bar]	
Pin Set	101	[Progress bar]	
Loin Strength	106	[Progress bar]	
Foot Angle	102	[Progress bar]	
Rear Leg Set	94	[Progress bar]	
Rear Leg Rear View	104	[Progress bar]	
Udder Texture	106	[Progress bar]	
Udder Depth	103	[Progress bar]	
Fore Attach	105	[Progress bar]	
Rear Att Height	110	[Progress bar]	
Rear Att Width	109	[Progress bar]	
Centre Ligament	108	[Progress bar]	
Teat Place Front	104	[Progress bar]	
Teat Place Rear	106	[Progress bar]	
Teat Length	107	[Progress bar]	



Bigtop

Workability			
Trait	BV	96	100
Milking Speed	102	[Progress bar]	
Temperament	106	[Progress bar]	
Likeability	107	[Progress bar]	

» Backed by 8 generations of EX dams  
 » Best of both world's, +109 Overall Type and +112 in Au and +2.00 PTAT and 21.4 JUI in the USA – April 2024  
 » High production and classification and backed by a cow family that includes the 'Cow of the Century' Duncan Belle he truly offers an impressive package.

BORUNG X OLIVER P



# ROMA MURMUR KINGPIN S3J



BORN: 16/07/2011

KAPPA/BETA CASEIN: / A2A2

SA ID: 83780817

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	334 / 99	370	0.1	-42.4
BA	279	253	1.0	-49



## CRV Efficiency 7

15509 DGHTRS • 1797 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	131	17	4.1	21	5.1	38
BA	-287	6	4.2	19	5.5	25



## CRV Health 6

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3.4	-0.13	-0.8	-1	-0.7	-1
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.68</b>	0.20				
Shed Temperament	<b>0.71</b>	0.20				
Milking Speed	<b>-0.11</b>	0.12				
Overall Opinion	<b>0.54</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.84</b>	-0.89				
Capacity	<b>0.46</b>	0.26				
Rump angle	<b>0.02</b>	-0.12				
Rump width	<b>-0.33</b>	-0.19				
Legs	<b>0.19</b>	0.11				
Udder support	<b>0.23</b>	0.19				
Front udder	<b>0.53</b>	0.35				
Rear udder	<b>0.62</b>	0.44				
Front teat	<b>0.06</b>	0.10				
Rear teat	<b>-0.1</b>	-0.09				
Teat length	<b>1.1</b>	0.08				
Udder overall	<b>0.47</b>	0.37				
Dairy conformation	<b>0.45</b>	0.24				



Kingpin



Kingpin daughter



Kingpin daughter

**S:** OKURA LIKA MURMUR S3J  
**D:** ROMA MANHATTEN KATE 2 S3J  
**PGS:** MITCHELLS LIKABULL S3J  
**PGD:** OKURA CASPERS MERMAID S3J  
**MGS:** OKURA MANHATTEN ET S3J  
**MGD:** ROMA FABULOUS KATE SJ2



PROGENY PROVEN

# PURIRI NUCLEUS MAHU JG



BORN: 3/08/2019

KAPPA/BETA CASEIN: BB / A2A2

SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	456 / 85	403	2.5	-62.9
BA	279	253	1.0	-49



## CRV Efficiency 10

107 DGHTRS • 27 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-447	14	4.5	30	6	44
BA	-287	6	4.2	19	5.5	25



## CRV Health 9

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	6.6	0.12	-0.35	-3.7	1.2	1.7
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.53</b>	0.20				
Shed Temperament	<b>0.53</b>	0.20				
Milking Speed	<b>0.34</b>	0.12				
Overall Opinion	<b>0.55</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-1.25</b>	-0.89				
Capacity	<b>0.72</b>	0.26				
Rump angle	<b>-0.25</b>	-0.12				
Rump width	<b>-0.52</b>	-0.19				
Legs	<b>0.09</b>	0.11				
Udder support	<b>0.24</b>	0.19				
Front udder	<b>0.04</b>	0.35				
Rear udder	<b>0.65</b>	0.44				
Front teat	<b>0.09</b>	0.10				
Rear teat	<b>0.02</b>	-0.09				
Teat length	<b>-0.1</b>	0.08				
Udder overall	<b>0.39</b>	0.37				
Dairy conformation	<b>0.53</b>	0.24				



Mahu



Mahu daughter



Mahu daughter

**S:** LITTLE RIVER NUCLEUS S3J  
**D:** PURIRI TERRIFIC MELODY  
**PGS:** STRATFORD WITH STRIDER S2J  
**PGD:** LITTLE RIVER MAU NITA S3J  
**MGS:** LYNBROOK TERRIFIC ET S3J  
**MGD:** PURIRI DEGREE MEREDITH



PROGENY PROVEN

# DERRILAND CARRICK REBEL



BORN: 6/08/2020 KAPPA/BETA CASEIN: / A2A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	424 / 56	460	2.55	-64.7
BA	279	253	1.0	-49



### CRV Efficiency 9

DGHTRS • 0 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-232	13	4.3	26	5.6	39
BA	-287	6	4.2	19	5.5	25



### CRV Health 9

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	5.6	0.02	-0.18	-2.6	-1.3	-0.8
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.48</b>	0.20				
Shed Temperament	<b>0.55</b>	0.20				
Milking Speed	<b>-0.1</b>	0.12				
Overall Opinion	<b>0.5</b>	0.20				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.68</b>	-0.89				
Capacity	<b>0.48</b>	0.26				
Rump angle	<b>0.13</b>	-0.12				
Rump width	<b>0.02</b>	-0.19				
Legs	<b>0.1</b>	0.11				
Udder support	<b>0.65</b>	0.19				
Front udder	<b>0.64</b>	0.35				
Rear udder	<b>0.82</b>	0.44				
Front teat	<b>0.47</b>	0.10				
Rear teat	<b>0.59</b>	-0.09				
Teat length		0.08				
Udder overall	<b>0.88</b>	0.37				
Dairy conformation	<b>0.41</b>	0.24				



Rebel

S: PUKETAWA KING CARRICK JG  
 D: DERRILAND OI EARLENA  
 PGS: ROMA MURMUR KINGPIN S3J  
 PGD: PUKETAWA MAU CORONA  
 MGS: OKURA LT INTEGRITY  
 MGD: KELLAND NOBLE ROXANNE



INSIRE

# PHILSAN TSTAR WELDON



BORN: 26/07/2019 KAPPA/BETA CASEIN: BB / A2A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	403 / 66	331	0.7	-15.3
BA	279	253	1.0	-49



### CRV Efficiency 7

36 DGHTRS • 14 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-68	19	4.3	38	5.7	57
BA	-287	6	4.2	19	5.5	25



### CRV Health 8

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	7.6	0.09	0.5	-2.4	-1.4	-2.1
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.27</b>	0.20				
Shed Temperament	<b>0.27</b>	0.20				
Milking Speed	<b>0.29</b>	0.12				
Overall Opinion	<b>0.22</b>	0.20				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.98</b>	-0.89				
Capacity	<b>0.78</b>	0.26				
Rump angle	<b>-0.43</b>	-0.12				
Rump width	<b>0.18</b>	-0.19				
Legs	<b>0.18</b>	0.11				
Udder support	<b>0.39</b>	0.19				
Front udder	<b>0.59</b>	0.35				
Rear udder	<b>0.65</b>	0.44				
Front teat	<b>0.55</b>	0.10				
Rear teat	<b>0.41</b>	-0.09				
Teat length	<b>0.3</b>	0.08				
Udder overall	<b>0.72</b>	0.37				
Dairy conformation	<b>0.55</b>	0.24				



Weldon

S: BRAEDENE PAS TRIPLESTAR  
 D: PHILSAN HEADSTART WELLA  
 PGS: PUKETAWA AD SUPERSTITION  
 PGD: BRAEDENE LIKABULL TASH ET  
 MGS: OKURA PCG HEADSTART  
 MGD: PHILSAN MANZELLO WELDA



PROGENY PROVEN

# NO BULL CARRICK CHARNOCK



# FYNREATH CARRICK CRYPTIC



BORN: 7/08/2019

KAPPA/BETA CASEIN: BB / A2A2

SA ID:

BORN: 7/03/2019

KAPPA/BETA CASEIN: BB / A2A2

SA ID:

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	527 / 78	439	3.2	-9.3
BA	279	253	1.0	-49



## CRV Efficiency 7

60 DGHTRS • 23 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	75	24	4.2	52	5.8	76
BA	-287	6	4.2	19	5.5	25



## CRV Health 9

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	5.4	0.16	-0.07	-2.2	-1	0.6
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.26</b>	0.20				
Shed Temperament	<b>0.26</b>	0.20				
Milking Speed	<b>0.28</b>	0.12				
Overall Opinion	<b>0.37</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.57</b>	-0.89				
Capacity	<b>1.09</b>	0.26				
Rump angle	<b>0.07</b>	-0.12				
Rump width	<b>0.05</b>	-0.19				
Legs	<b>-0.01</b>	0.11				
Udder support	<b>0.57</b>	0.19				
Front udder	<b>0.3</b>	0.35				
Rear udder	<b>0.7</b>	0.44				
Front teat	<b>0.28</b>	0.10				
Rear teat	<b>0.57</b>	-0.09				
Teat length	<b>0</b>	0.08				
Udder overall	<b>0.63</b>	0.37				
Dairy conformation	<b>1.07</b>	0.24				



Charnock



Charnock daughter



Charnock daughter

S: PUKETAWA KING CARRICK JG  
 D: GAYDENE TERIFIC CHARLOTTE  
 PGS: ROMA MURMUR KINGPIN S3J  
 PGD: PUKETAWA MAU CORONA  
 MGS: LYNBROOK TERRIFIC ET S3J  
 MGD: GAYDENE JOSKIN OLA



PROGENY PROVEN

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	473 / 74		2.2	-56.5
BA	279	253	1.0	-49



## CRV Efficiency 11

41 DGHTRS • 22 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	102	20	4.1	50	5.7	70
BA	-287	6	4.2	19	5.5	25



## CRV Health 5

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	4.5	-0.17	-0.21	-3	-0.3	4.5
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.32</b>	0.20				
Shed Temperament	<b>0.31</b>	0.20				
Milking Speed	<b>0.44</b>	0.12				
Overall Opinion	<b>0.39</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.83</b>	-0.89				
Capacity	<b>0.14</b>	0.26				
Rump angle	<b>-0.42</b>	-0.12				
Rump width	<b>-0.29</b>	-0.19				
Legs	<b>-0.1</b>	0.11				
Udder support	<b>0.63</b>	0.19				
Front udder	<b>0.72</b>	0.35				
Rear udder	<b>0.65</b>	0.44				
Front teat	<b>0.57</b>	0.10				
Rear teat	<b>0.24</b>	-0.09				
Teat length	<b>0.4</b>	0.08				
Udder overall	<b>0.89</b>	0.37				
Dairy conformation	<b>0.31</b>	0.24				



Cryptic

S: PUKETAWA KING CARRICK JG  
 D: FYNREATH KS COOLCHICK ET  
 PGS: ROMA MURMUR KINGPIN S3J  
 PGD: PUKETAWA MAU CORONA  
 MGS: KELLAND KC SPEEDWAY  
 MGD: BRAEDENE BRAVO CUDDLE



PROGENY PROVEN

# GLEN KAYCEE SHERLOCK JG



BORN: 7/06/2019 KAPPA/BETA CASEIN: BB / A2A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	638 / 86	570	3.3	-26.2
BA	279	253	1.0	-49



### CRV Efficiency 8

111 DGHTRS - 30 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	271	36	4.3	61	5.7	97
BA	-287	6	4.2	19	5.5	25



### CRV Health 8

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	4	0	-0.12	-2.9	-0.3	-2.7
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.11</b>	0.20				
Shed Temperament	<b>0.11</b>	0.20				
Milking Speed	<b>0.12</b>	0.12				
Overall Opinion	<b>0.17</b>	0.20				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.82</b>	-0.89				
Capacity	<b>0.65</b>	0.26				
Rump angle	<b>-0.13</b>	-0.12				
Rump width	<b>-0.68</b>	-0.19				
Legs	<b>0.13</b>	0.11				
Udder support	<b>0.28</b>	0.19				
Front udder	<b>0.04</b>	0.35				
Rear udder	<b>0.44</b>	0.44				
Front teat	<b>0.56</b>	0.10				
Rear teat	<b>0.67</b>	-0.09				
Teat length	<b>0.1</b>	0.08				
Udder overall	<b>0.46</b>	0.37				
Dairy conformation	<b>0.55</b>	0.24				



Sherlock



Sherlock daughter



Sherlock daughter

**S:** PUKEROA GUN WALKER JG  
**D:** GLEN KAYCEE SKALLYWAG JG  
**PGS:** LEITHLEA GUN OF A SUN  
**PGD:** PUKEROA ZELLAS BELLERO  
**MGS:** OKURA LT INTEGRITY  
**MGD:** GLEN KAYCEE SPEED SKATER

A2A2

PROGENY PROVEN

# CRESCENT MAG FLORIN



BORN: 13/07/2018 KAPPA/BETA CASEIN: BB / A2A2 SA ID:

### Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	376 / 95	313	3.5	-66.5
BA	279	253	1.0	-49



### CRV Efficiency 8

657 DGHTRS - 126 HRDS

	Milk (ts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-575	1	4.4	18	5.9	19
BA	-287	6	4.2	19	5.5	25



### CRV Health 10

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	9.4	0.11	0.07	-3	-1.2	-7.9
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

### Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.21</b>	0.20				
Shed Temperament	<b>0.19</b>	0.20				
Milking Speed	<b>0.33</b>	0.12				
Overall Opinion	<b>0.39</b>	0.20				

### Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-1.35</b>	-0.89				
Capacity	<b>0.41</b>	0.26				
Rump angle	<b>0.06</b>	-0.12				
Rump width	<b>-0.43</b>	-0.19				
Legs	<b>0.08</b>	0.11				
Udder support	<b>0.71</b>	0.19				
Front udder	<b>0.75</b>	0.35				
Rear udder	<b>1.05</b>	0.44				
Front teat	<b>0.2</b>	0.10				
Rear teat	<b>0.05</b>	-0.09				
Teat length	<b>0.2</b>	0.08				
Udder overall	<b>0.94</b>	0.37				
Dairy conformation	<b>0.34</b>	0.24				



Florin daughter



Florin daughter

**S:** CRESCENT LT MAGNIFICENT  
**D:** CRESCENT OPH FONDNESS  
**PGS:** LYNBROOK TERRIFIC ET S3J  
**PGD:** CRESCENT JOSKIN MEG  
**MGS:** OKURA PCG HEADSTART  
**MGD:** CRESCENT MZ FONDNESS

A2A2 SG

PROGENY PROVEN

# ELLISON INTEGRITY KAKA



BORN: 13/07/2018

KAPPA/BETA CASEIN: BB / A1A2

SA ID:

# LITTLE RIVER NUCLEUS S3J



BORN: 8/08/2016

KAPPA/BETA CASEIN: AB / A2A2

SA ID: 91749150

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	510 / 91	445	3.1	-23.5
BA	279	253	1.0	-49



## CRV Efficiency 11

206 DGHTRS • 54 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	146	24	4.2	35	5.3	59
BA	-287	6	4.2	19	5.5	25



## CRV Health 11

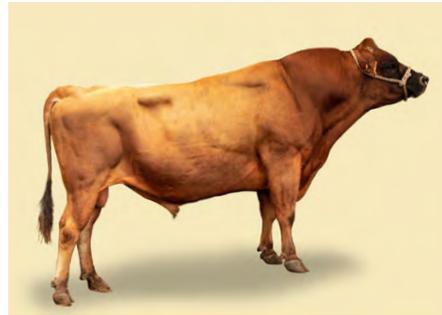
	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	8.9	0.22	-0.34	-1.6	-1.4	-8.5
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.19</b>	0.20				
Shed Temperament	<b>0.18</b>	0.20				
Milking Speed	<b>0.26</b>	0.12				
Overall Opinion	<b>0.43</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-1.13</b>	-0.89				
Capacity	<b>0.56</b>	0.26				
Rump angle	<b>-0.09</b>	-0.12				
Rump width	<b>-0.5</b>	-0.19				
Legs	<b>0.12</b>	0.11				
Udder support	<b>0.41</b>	0.19				
Front udder	<b>0.22</b>	0.35				
Rear udder	<b>0.9</b>	0.44				
Front teat	<b>0.03</b>	0.10				
Rear teat	<b>0.28</b>	-0.09				
Teat length	<b>-0.8</b>	0.08				
Udder overall	<b>0.54</b>	0.37				
Dairy conformation	<b>0.51</b>	0.24				



Kaka



Kaka daughter



Kaka daughter

S: OKURA LT INTEGRITY

D: OKURA MANZ KEA

PGS: LYNBROOK TERRIFIC ET S3J

PGD: OKURA LIKA I-CHARMAINE ET

MGS: PUKEROA TGM MANZELLO

MGD: OKURA OLM KIWI ET



PROGENY PROVEN

## Breeding Indicators

	BW / Rel	NZMI	Func Survival	LiveWt
BV	521 / 97	470	1.9	-48.8
BA	279	253	1.0	-49



## CRV Efficiency 11

924 DGHTRS • 174 HRDS

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-40	21	4.3	36	5.6	57
BA	-287	6	4.2	19	5.5	25



## CRV Health 9

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	9.5	-0.02	-0.52	-2.9	-0.7	2.1
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

## Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	<b>0.43</b>	0.20				
Shed Temperament	<b>0.44</b>	0.20				
Milking Speed	<b>0.23</b>	0.12				
Overall Opinion	<b>0.42</b>	0.20				

## Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	<b>-0.66</b>	-0.89				
Capacity	<b>0.23</b>	0.26				
Rump angle	<b>-0.41</b>	-0.12				
Rump width	<b>-0.77</b>	-0.19				
Legs	<b>0.1</b>	0.11				
Udder support	<b>0.43</b>	0.19				
Front udder	<b>0.32</b>	0.35				
Rear udder	<b>0.93</b>	0.44				
Front teat	<b>0.4</b>	0.10				
Rear teat	<b>0.21</b>	-0.09				
Teat length	<b>0</b>	0.08				
Udder overall	<b>0.74</b>	0.37				
Dairy conformation	<b>0.24</b>	0.24				



Nucleus



Nucleus daughter



Nucleus daughter

S: STRATFORD WITH STRIDER S2J

D: LITTLE RIVER MAU NITA S3J

PGS: WILLIAMS TGM HENRY

PGD: STRATFORD DODDYS DAME S3J

MGS: MARSDEN SN MAUMA

MGD: LITTLE RIVER NANNY S2J



PROGENY PROVEN

# BOS LATITUDE BRADEN



BORN: 8/30/2022    KAPPA/BETA CASEIN:    SA ID:

CRV HEALTH +1%    CRV EFFICIENCY +7%

Indexes			
NM\$	CM\$	FM\$	JPI
630	650	456	156

Production Traits					DGHTRS • HRDS • 76% REL
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein	
821	0.16	0.14	75	62	

Management/Health			
Sire CE	PL(mo)	DPR	SCC
-	2.0	-0.3	3.03

Conformation					DGHTRS • HRDS • 79% REL
Trait	BV	-1	0	2	
Stature	0.70				
Strength	1.10				
Dairy Form	0.90				
Rump Angle	-0.90				
Rump Width	1.00				
Rear Legs Side	-0.40				
Foot Angle	0.70				
Fore Udder Att.	1.30				
Rear Udder Height	0.70				
Rear Udder Width	0.50				
Udder Cleft	1.00				
Udder Depth	0.50				
Front Teat Placem.	1.40				
Teat Length	-0.10				
Rear Teat Placem. Side	1.10				
Rear Teat Placem. Rear	0.20				



Braden

Trait	BV	-1	0	2
Total Type	1.30			
F&L Comp	0			

- » Over +130 CFP!
- » Functional, balanced type for working cows
- » Added width through the rump

S: TOG LATITUDE    PGD: TOG EAGLES 35322  
 D: BOS NAVIDAD PRESENTS 537    MGS: PINE-TREE CHROME NAVIDAD  
 PGS: DUTCH HOLLOW MIGHTY    MGD: BOYD DASHIELL PORTIA 21515



# JX PINE-TREE KEYNOTE {6}



BORN: 3/22/2023    KAPPA/BETA CASEIN:    SA ID:

CRV HEALTH +5%    CRV EFFICIENCY +8%

Indexes			
NM\$	CM\$	FM\$	JPI
681	692	616	160

Production Traits					DGHTRS • HRDS • 75% REL
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein	
845	0.12	0.03	67	38	

Management/Health			
Sire CE	PL(mo)	DPR	SCC
-	6.0	-1.3	2.81

Conformation					DGHTRS • HRDS • 79% REL
Trait	BV	-1	0	2	
Stature	-0.20				
Strength	0.70				
Dairy Form	0.50				
Rump Angle	-1.10				
Rump Width	0.50				
Rear Legs Side	-0.40				
Foot Angle	0.60				
Fore Udder Att.	2.20				
Rear Udder Height	1.20				
Rear Udder Width	1.10				
Udder Cleft	0.50				
Udder Depth	0.90				
Front Teat Placem.	1.10				
Teat Length	0.40				
Rear Teat Placem. Side	0.90				
Rear Teat Placem. Rear	-0.20				



Keynote

Trait	BV	-1	0	2
Total Type	1.50			
F&L Comp	0			

- » Daughters will be barn favorites with strong dairy strength and high, wide udders
- » Increase teat length without sacrificing milk production or CFP

S: BLACK LABEL THRASHING KAMAKAZI    PGD: YOSEMITE VALENTINO KOKOMOO 251  
 D: JX GURE BEHIA SKYLER 3946    MGS: PROGENESIS SKYLER  
 PGS: JX CDF JLS PILGRIM THRASHER    MGD: JX GURE BEHIA MESQUITE 1752



# JX BOS RIPP LUKE {6}-ET



# ZAAIBERG CAJUN BERNARD



BORN: 11/04/2023    KAPPA/BETA CASEIN: BB / A2A2    SA ID:

BORN: 02-05-2022    KAPPA/BETA CASEIN:    SA ID: 93735272

**CRV HEALTH**    **CRV EFFICIENCY**

Indexes			
NM\$	CM\$	FM\$	JPI
751	763	657	182

Production Traits					DGHTRS • HRDS • 74% REL
lbs Milk	Fat%	Protein%	lbs Fat	lbs Protein	
1115	0.14	0.05	85	53	

Management/Health			
Sire CE	PL(mo)	DPR	SCC
-	4.7	-2.3	2.93

Conformation					DGHTRS • HRDS • 78% REL
Trait	BV	-1	0	2	
Stature	1.00				
Strength	0.40				
Dairy Form	1.30				
Rump Angle	0.50				
Rump Width	0.70				
Rear Legs Side	-1.10				
Foot Angle	0.90				
Fore Udder Att.	2.40				
Rear Udder Height	2.60				
Rear Udder Width	1.20				
Udder Cleft	0.40				
Udder Depth	1.80				
Front Teat Placem.	0.50				
Teat Length	0.20				
Rear Teat Placem.	0.40				
Rear Teat Placem. Side	0.70				



Luke

Trait	BV	-1	0	2
Total Type	-			
F&L Comp	-			

**PGS:** JX RIVER VALLEY CHIEF {6} ET  
**S:** JX METCALF RIPP {5}-ET    **PGD:** JX JER BEL FOURNETTE KIDRON {4}-ET  
**D:** JX BOS TROOPER BOO 689 {5}-ET    **MGS:** JX DODAN LH TROOPER {4}  
**MGD:** TOG SKYLER PENNY 501-ET



Production Traits					Reliability: 87%
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
616	29.7	-0.03	29.1	0.07	

Indexes			
SAINET	FMI	CYI	FUI
109	110	111	108

Health Traits		
Inbreeding %	Somatic	Herd Life
8.91%	-18.29	107

### Conformation (SA Base)

Trait	BV	96	100	108
Frame	111			
Udder	113			
Feet and legs	101			
Stature	110			
Chest width	102			
Body depth	107			
Dairy strength	110			
Rump angle	103			
Rump width	107			
Rear legs rear view	103			
Rear legs side view	98			
Foot angle	102			
Fore udder att.	109			
Rear udder height	110			
Rear udder width	109			
Central Ligament	109			
Udder depth	102			
Front teat placement	109			
Teat length	102			
Rear teat placement	107			



D: Zaaiberg Rufus Berta



GD: Zaaiberg Paul Berta



GGD: Zaaiberg Tbone Berta

» **No. 2 Jersey Young Bull List**  
 » **Milk**  
 » **Protein % + 0.10**

» **Protein Kg**  
 » **Type (Udders + Body)**

**PGS:** TJF VISIONARY REGENCY ET  
**S:** AHLEM ALTACAJUN ET    **PGD:** AHLEM MANTRA CAYMAN 42268 ET  
**D:** ZAAIBERG RUFUS BERTA    **MGS:** AHLEM TOPEKA RUFUS ET  
**MGD:** ZAAIBERG PAUL BERTA



# AVONDROOD STICKS



# RUBICON KNIGHT WINTERFELL



BORN: 19-08-2021    KAPPA/BETA CASEIN: A2A2    SA ID: 93717197

BORN: 29-04-2017    KAPPA/BETA CASEIN: A1A1    SA ID: 85644136

Production Traits					28%
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
288	21.9	0.11	16	0.08	

Indexes			
SAINET	FMI	CYI	FUI
108	108	109	107

Health Traits		
Inbreeding %	Somatic	Herd Life
7.80%	-9.00	109



Dam to Sticks

Production Traits					104 dtrs, 13 herds, reliability: 88%
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
118	29.2	0.37	7.4	0.04	

Indexes			
SAINET	FMI	CYI	FUI
107	107	110	105

Health Traits		
Inbreeding %	Somatic	Herd Life
5.84%	-12.63	116



Winterfell

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	109			
Udder	113			
Feet and legs	105			
Stature	109			
Chest width	103			
Body depth	105			
Dairy strength	108			
Rump angle	99			
Rump width	107			
Rear legs rear view	96			
Rear legs side view	99			
Foot angle	104			
Fore udder att.	112			
Rear udder height	110			
Rear udder width	105			
Central Ligament	101			
Udder depth	105			
Front teat placement	105			
Teat length	103			
Rear teat placement	103			

- » Three generations EX Body / Udders
- » All rounder
- » Pos % BV / Prot

S: JX CROSSWIND PRIX (4) ET  
 D: AVONDROOD OLIVER P TRIEKS 5 ET  
 PGS: JX PVF WC ZINC (5) ET  
 PGD: JX CROSSWIND MARLO (3) ET  
 MGS: DUTCH HOLLOW OLIVER P ET  
 MGD: AVONDROOD TBONE TRIEKS



INSIRE

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	113			
Udder	109			
Feet and legs	102			
Stature	112			
Chest width	110			
Body depth	110			
Dairy strength	110			
Rump angle	97			
Rump width	108			
Rear legs rear view	102			
Rear legs side view	101			
Foot angle	96			
Fore udder att.	108			
Rear udder height	107			
Rear udder width	107			
Central Ligament	107			
Udder depth	102			
Front teat placement	102			
Teat length	108			
Rear teat placement	104			



Daughters of Winterfell

- » Daughters tested
- » All rounder

S: AHLEM JUMBO KNIGHT  
 D: RUBICON JEVON'S ELVIRA 1  
 PGS: DENKEL ROWLEYS V JUMBO 2114 ET  
 PGD: DEERVIEW BALLARD COED ET DORSEY  
 MGS: FOREST GLEN MECCAS JEVON-ET  
 MGD: RUBICON ZIK'S ELVIRA 3RD



PROGENY PROVEN

# PUTTERGILL SUNNYBOY 22015



# AVONDROOD LEONEL TRYTON



BORN: 22-01-2022    KAPPA/BETA CASEIN: A2A2    SA ID: 93366565

BORN: 01-02-2017    KAPPA/BETA CASEIN: A2A2    SA ID: 85299808

Production Traits					87%
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
239	11.9	-0.01	12.9	0.05	

Indexes			
SAINET	FMI	CYI	FUI
106	105	106	106

Health Traits		
Inbreeding %	Somatic	Herd Life
7.05%	-6.89	103



Sunnyboy

Production Traits					26 dtrs, 2 herds, reliability: 59%
Milk	Fat Kg	Fat%	Protein Kg	Protein %	
89	9.4	-0.02	8.4	0.02	

Indexes			
SAINET	FMI	CYI	FUI
107	107	108	109

Health Traits		
Inbreeding %	Somatic	Herd Life
7.40%	-4.02	117



GD to Tryton

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	109			
Udder	112			
Feet and legs	106			
Stature	109			
Chest width	104			
Body depth	107			
Dairy strength	106			
Rump angle	101			
Rump width	107			
Rear legs rear view	102			
Rear legs side view	96			
Foot angle	104			
Fore udder att.	111			
Rear udder height	108			
Rear udder width	107			
Central Ligament	105			
Udder depth	103			
Front teat placement	106			
Teat length	100			
Rear teat placement	105			



DAM OF SUNNYBOY

- » No. 1 Jersey Young Bull List
- » Milk
- » Protein % + 0.10
- » Protein Kg
- » Type (Udders + Body)

S: AHLEM ALTACAJUN ET  
 D: TIERWIL CELEBRITY IVY  
 PGS: TJF VISIONARY REGENCY ET  
 PGD: AHLEM MANTRA CAYMAN 42268 ET  
 MGS: GALAXIES CELEBRITY - ET  
 MGD: TIERWIL EXCITATION'S LEGED

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	110			
Udder	114			
Feet and legs	97			
Stature	103			
Chest width	106			
Body depth	108			
Dairy strength	106			
Rump angle	101			
Rump width	110			
Rear legs rear view	99			
Rear legs side view	92			
Foot angle	97			
Fore udder att.	119			
Rear udder height	103			
Rear udder width	100			
Central Ligament	101			
Udder depth	109			
Front teat placement	112			
Teat length	105			
Rear teat placement	105			

- » Daughters tested
- » Udder Index: 115
- » Long Lasting Cows
- » Body's

S: FARIA BROTHERS LEONEL  
 D: AVONDROOD TBONE TRIEKS  
 PGS: FARIA BROTHERS LEVY  
 PGD: FARIA BROTHERS DO RIGHT DORSEY  
 MGS: RICHIES JACE TBONE A364  
 MGD: AVONDROOD RESCUE TRIEKS



INSIRE



PROGENY PROVEN

# AVONDROOD NEVIN MONTY



# ZAAIBERG MATE WARRIOR



BORN: 17-06-2015      KAPPA/BETA CASEIN:      SA ID: 82135641

BORN: 28-06-2021      KAPPA/BETA CASEIN: A2A2      SA ID: 93248599

Production Traits				
7 dtrs, 1 herds, reliability: 56%				
Milk	Fat Kg	Fat%	Protein Kg	Protein %
249	12.6	-0.02	6.2	-0.05

Indexes			
SAINET	FMI	CYI	FUI
103	103	103	103

Health Traits		
Inbreeding %	Somatic	Herd Life
10.42%	-8.35	104



Dam of Monty

Production Traits				
Reliability: 34%				
Milk	Fat Kg	Fat%	Protein Kg	Protein %
428	22.9	0.01	15.4	-0.01

Indexes			
SAINET	FMI	CYI	FUI
109	111	111	107

Health Traits		
Inbreeding %	Somatic	Herd Life
12.81%	-15.30	131



Warrior

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	98	█		
Udder	102		█	
Feet and legs	101		█	
Stature	102		█	
Chest width	101		█	
Body depth	97	█		
Dairy strength	98	█		
Rump angle	101		█	
Rump width	101		█	
Rear legs rear view	103		█	
Rear legs side view	101		█	
Foot angle	97	█		
Fore udder att.	101		█	
Rear udder height	98	█		
Rear udder width	98	█		
Central Ligament	102		█	
Udder depth	103		█	
Front teat placement	103		█	
Teat length	96	█		
Rear teat placement	103		█	

**PGS:** ALL LYNNS VALENTINO IRWIN-ET  
**S:** ALL LYNNS IRWIN NEVIN ET  
**D:** AVONDROOD ACE MANDA  
**PGD:** SPRING CREEK TBONE NETTY ET  
**MGS:** SENN SATIONAL PARAMOUNT ACE  
**MGD:** AVONDROOD LOMU MANDA

Conformation (SA Base)				
Trait	BV	96	100	108
Frame	104		█	
Udder	110		█	
Feet and legs	108		█	
Stature	109		█	
Chest width	100			
Body depth	100			
Dairy strength	103		█	
Rump angle	104		█	
Rump width	106		█	
Rear legs rear view	106		█	
Rear legs side view	99	█		
Foot angle	106		█	
Fore udder att.	108		█	
Rear udder height	105		█	
Rear udder width	104		█	
Central Ligament	101		█	
Udder depth	107		█	
Front teat placement	105		█	
Teat length	94	█		
Rear teat placement	104		█	



Dam to Warrior

**» Herd life: 131**  
**» Solid Cow Family**

**PGS:** DENKEL ROWLEYS V JUMBO 2114 ET  
**S:** JX AHLEM JUMBO MATE (5) ET  
**D:** ZAAIBERG RUFUS WANDA  
**PGD:** AHLEM TOPEKA MAGGEE 41794 ET  
**MGS:** AHLEM TOPEKA RUFUS ET  
**MGD:** ZAAIBERG HEADLINE WANDA



PROGENY PROVEN



INSIRE

# AYRSHIRE

## GOURITZ TUOMI'S ILK



BORN: 29-10-2018      KAPPA/BETA CASEIN:      SA ID: 87928099

Health Traits		DGHTRS • HRDS 0 • 30% REL		
Milk (lts)	Prot (kg)	Prot (%)	Fat (kg)	Fat (%)
804	36.1	0.11	29.4	-0.08

Production Traits		
Inbreeding %	Somatic	Herd Life
0.64%	-24.33	113



ILK

Selection Indices:			
	BV	96	100
Logix Merit Index	119		108
Production Index	114		
Fertility Index	107		
Udder Health	116		

Conformation (SA Base)			
	BV	96	100
Calving Interval (Days)	107		
Functional Herd Life	110		

S: VR JYLHAVAARAN TURANDOT TUOMI  
 D: GOURITZ ELVIS'S ILLZE 2  
 PGS: SAARELAN TURANDOT ET  
 PGD: JYLHAVAARAN APILA ET  
 MGS: GOURITZ MM'S ELVIS  
 MGD: GOURITZ HILBERT'S ILLZE

## LODORE HUGHIE ROYAL ET



BORN: 15/07/2013      KAPPA/BETA CASEIN: / A1A1      SA ID: 82432295

Breeding Indicators		
BW / Rel	Func Survival	LiveWt
BV -75 / 92	0.9	27.1
BA -58	0.5	27

CRV Efficiency		DGHTRS 530 • HRDS 113		
Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)
BV 124	4.1	3.8	2.1	4.7
BA 347	7	3.7	3	4.5



Royal

CRV Health		Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-6.7	-0.10	0.25	-1.2	-0.6	-3.1	
BA	-7.6	-0.10	-0.23	-0.2	-0.2	-0.6	

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability Milking	0.28	0.27				
Shed Temperament	0.28	0.29				
Milking Speed	0.17	0.00				
Overall Opinion	0.34	0.25				

Conformation		111 dtrs TOP				
	BV	BA	-0.5	0	0.5	1.0
Stature	-0.13	0.04				
Capacity	0.35	0.30				
Rump angle	0.79	0.35				
Rump width	0.06	-0.03				
Legs	0.25	0.04				
Udder support	0.02	0.13				
Front udder	0.14	0.16				
Rear udder	-0.32	-0.03				
Front teat	0.36	0.13				
Rear teat	0.32	0.15				
Udder overall	0.04	0.13				
Dairy conformation	0.15	0.17				

S: HOLYROOD PRINCE HUGHIE  
 D: LODORE BRODY ROYAL ET  
 PGS: SANROSA ROYAL PHILLIP  
 PGD: ARA AYRLEA WILLOW  
 MGS: CARMELGLEN BRODY  
 MGD: LODORE NANS ROYALLE

INSIRE

PROGENY PROVEN

# Beef Breeds



# Icons Explanations

Look for these icons on the bull pages

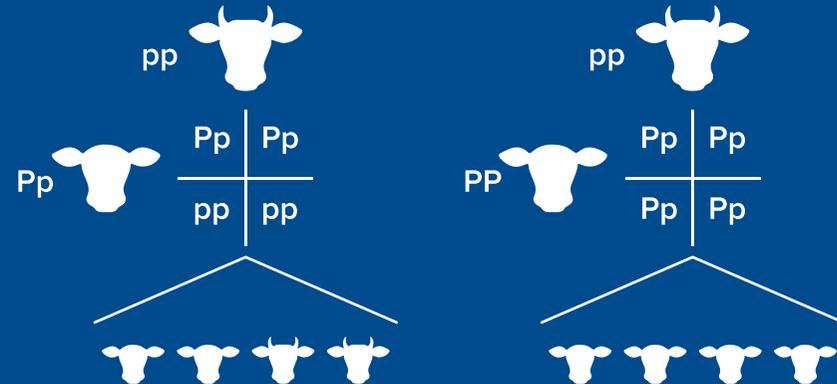
 Myostatin Free	 Heterozugous polled	 Homozygous polled	 Polled but not tested	 Semen Fertility	 Calving Ease	<b>PROGENY PROVEN</b> Semen sourced from domestically proven sires
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## What is FertaBull? (Bullseye)

CRV's unique FertaBull (Bullseye) helps you maximize fertility at the end of mating and get you tail end cows back in calf. This is a cost effective way to tighten up calving patterns with the added income of quality dairy beef calves to sell.

FertaBull (Bullseye) straws contain semen of multiple sires in each dose. This increases the length of time the semen is viable, giving you a greater chance of getting your cow in-calf.

## How polled genes are inherited:



A heterozygous polled sire mated to a horned dam results in a 50% chance of polled offspring and a 50% chance of horned offspring.

A homozygous polled sire mated to a horned dam results in a 100% chance of polled offspring.

ANGUS



OX NCHE

		ID	REG	BREEDER			OWNER										
		SCJ 220145	94746898	JOYCES DAIRY FARM PTY LTD			JOYCES DAIRY FARM PTY LTD										
CALVING EASE ★★★		MILK ★★★★☆	CALF GRWTH ★★★★☆	MAINTENANCE ★★★			GROWTH TEST			FERTILITY ★★★★☆ 104	COW VALUE	GROWTH VALUE	PROD. VALUE				
96		109	125	99													
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★	-
Index	94	100	109	125	125	100	108	104	115	106	100	118	92	101	131	95	125
EBV	2.07	0.39	8.4	39.4	73.8	38.2	243.5	119.5	-110.4	50.5	0	30.5	5.3	-2.6			
Measure	32(5%)			280	-	-	85	15.57	-	1525		342					

ANGUS



KOLISI

		ID	REG	BREEDER			OWNER										
		SCJ 210117	92392638	JOYCES DAIRY FARM PTY LTD			JOYCES DAIRY FARM PTY LTD										
CALVING EASE ★★★		MILK ★★★★☆	CALF GRWTH ★★★★	MAINTENANCE ★★★			GROWTH TEST			FERTILITY ★★★ 97	COW VALUE	GROWTH VALUE	PROD. VALUE				
88		129	114	81													
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	-
Index	95	87	129	114	117	118	122	123	124	107	109	103	102	94	117	116	117
EBV	1.99	0.93	14.1	33.6	66.6	58.6	302.8	166.7	-129	51	0.7	22.8	-2.1	-1.2			
Measure	34			236	383	-	-	-	-								

ANGUS



PETTOE

		ID	REG	BREEDER			OWNER										
		SCJ 210123	92631688	JOYCES DAIRY FARM PTY LTD			JOYCES DAIRY FARM PTY LTD										
CALVING EASE ★★★		MILK ★★★★★	CALF GRWTH ★★★★☆	MAINTENANCE ★★★			GROWTH TEST			FERTILITY ★★★★☆ 103	COW VALUE	GROWTH VALUE	PROD. VALUE				
91		130	106	86													
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★☆	-
Index	95	91	130	106	107	112	102	95	102	113	126	117	96	111	114	105	112
EBV	1.95	0.76	14.3	29.9	56.6	52.3	213.9	95.4	-84.1	56.9	2	29.8	2.1	-4.6			
Measure	33(4.4%)			279	-	-	103	16.09	-	1438		344					

ANGUS



PRIDE

		ID	REG	BREEDER			OWNER										
		SCJ 200161	91104810	JOYCES DAIRY FARM PTY LTD			CRV XSEED										
CALVING EASE ★★★		MILK ★★★★☆	CALF GRWTH ★★★★	MAINTENANCE ★★★			GROWTH TEST			FERTILITY ★★★ 97	COW VALUE	GROWTH VALUE	PROD. VALUE				
90		107	118	88													
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	-
Index	86	102	107	118	116	112	119	117	116	113	98	108	91	85	114	113	114
EBV	2.84	0.31	7.6	35.7	64.9	52.5	291.3	150.2	-112.5	56.7	-.2	25.3	6.6	0.4			
Measure	31(4.2%)			256	477	-	-	-	-								

BRANGUS



**ROCKY**  
**PROGENY PROVEN**



ID	REG	BREEDER	OWNER
BVN11112	4061712972	BENNIE VAN NIEKERK BDY TRUST	PRENTICE EC

Number of Herds: 25, Progeny Analysed: 445

	Gestation Length	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Mus- cle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-4.9	+0.8	+15	+28	+34	+34	+5	+1.9	+1.4	+12	-1.7	+0.3	+0.4	-0.6	0.0
Accuracy	88%	98%	95%	94%	94%	86%	72%	88%	48%	82%	55%	71%	71%	60%	63%
Breed Avg.	-0.3	+1.2	+13	+18	+24	+26	+3	+0.3	-3.3	+14	+0.2	-0.1	-0.2	+0.4	-0.2

BRANGUS



**PABLO**  
**PROGENY PROVEN**



ID	REG	BREEDER	OWNER
DD16146	4062350121	SPARKS CDH	SHARP MOVE TRADING 95 PTY LTD

Number of Herds: 5, Progeny Analysed: 56

	Gestation Length	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Mus- cle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-0.3	+0.4	+11	+14	+20	+8	0	+0.9	-3.8	+15	+1.7	+0.7	+0.8	+0.7	-0.1
Accuracy	65%	92%	86%	84%	85%	80%	58%	82%	38%	74%	59%	73%	73%	63%	64%
Breed Avg.	-0.3	+1.2	+13	+18	+24	+26	+3	+0.3	-3.3	+14	+0.2	-0.1	-0.2	+0.4	-0.2

BRANGUS



**TARZAN**  
**PROGENY PROVEN**



ID	REG	BREEDER	OWNER
NVW12303	4061783486	VAN WYK N	CRV XSEED

Number of Herds: 9, Progeny Analysed: 181

	Gestation Length	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Mus- cle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	-1.1	+0.3	+19	+18	+26	+36	+2	+0.6	-	+16	-0.7	-0.8	-1.0	+0.4	-0.4
Accuracy	78%	96%	93%	91%	92%	88%	87%	57%	-	80%	40%	48%	48%	40%	34%
Breed Avg.	-0.3	+1.2	+13	+18	+24	+26	+3	+0.3	-3.3	+14	+0.2	-0.1	-0.2	+0.4	-0.2

## SIMMENTALER



## DE VIL CLAAS

### PROGENY PROVEN

Number of Herds: 11, Progeny Analysed: 222

ID	REG	BREEDER	OWNER
JPD1065	102232384	JP DE VILLIERS	DJ ERASMUS

Market Target	Index Value	Breed Average
Simmentaler Breeders Index (R)	+R 469	+R 493
Simmentaler Profit Index (R)	+R 490	+R 477

	Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-P
EBV	+9.8	0.0	-0.6	-1.0	+11	+19	+18	+12	+1	-0.3	+2.8	+14	+0.6	0.0	+0.1	+0.3	-0.2	-0.15
Accuracy	76%	68%	75%	95%	92%	91%	88%	87%	79%	75%	63%	74%	52%	58%	58%	57%	50%	37%
Breed Avg.	+0.5	+0.7	-0.9	+1.6	+17	+27	+33	+35	+5	+0.3	-1.0	+19	+0.4	+0.0	+0.1	+0.2	+0.1	-0.03

## SIMMENTALER



## LITTLE CREEK RUMA

### PROGENY PROVEN

Number of Herds: 4, Progeny Analysed: 23

ID	REG	BREEDER	OWNER
JE213	103497079	JJS ERASMUS	JJS ERASMUS

» Semen to be bought directly from breeder and will be distributed by CRV

**R300 p/straw**

» **Kobus Erasmus | +27 83 246 3132**

Market Target	Index Value	Breed Average
Simmentaler Breeders Index (R)	+R 424	+R 493
Simmentaler Profit Index (R)	+R 469	+R 477

	Calving Ease DIR (%)	Calving Ease DTRS (%)	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	NFI-P
EBV	+0.3	-1.0	-0.5	+2.8	+21	+35	+44	+51	+4	-	-	+22	-	-	-	-	-	-
Accuracy	38%	29%	49%	71%	52%	49%	50%	50%	34%	-	-	37%	-	-	-	-	-	-
Breed Avg.	+0.5	+0.7	-0.9	+1.6	+17	+27	+33	+35	+5	+0.3	-1.0	+19	+0.4	+0.0	+0.1	+0.2	+0.1	-0.03

BRAHMAN



### HAWTHORN MR SLOAN

**PROGENY PROVEN**

Number of Herds: 1, Progeny Analysed: 5

ID	REG	BREEDER	OWNER
HAW194	591211040	HAWTHORN BRAHMANE	HAWTHORN BRAHMANE

Market Target	Index Value	Breed Average
Rangeland Grazing	+R 130	+R 100
Wean Index	+R 81	+R 64
Feedlot Index	+R 83	+R 71

	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)
EBV	-0.9	+1.9	+20	+31	+40	+41	+4	+0.6	-0.1	+23
Accuracy	58%	65%	66%	63%	63%	58%	56%	56%	51%	46%
Breed Avg.	-0.8	+1.7	+16	+25	+32	+33	+3	+0.8	-0.5	+17

BRAFORD



### LEEUFONTEIN SP14012



ID	REG	BREEDER	OWNER
SP1412	4060331461	PJ SCHULENBURG	PJ SCHULENBURG

	Gestation Length	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Carcase Wt (kg)
EBV	0.0	+1.2	+5	+7	+13	+16	-7	-	+6
Accuracy	36%	73%	56%	46%	50%	37%	30%	-	32%
Breed Avg.	-0.2	+0.9	+9	+13	+18	+22	-2	+0.3	+10

BEEFMASTER



### COLUMBUS



ID	REG	BREEDER	OWNER
WO 190929	0089521496	MNR. W.C. ODENDAAL	MNR. W.C. ODENDAAL

	CALVING EASE ★★★★☆		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★☆		GROWTH TEST					FERTILITY ★★★★ 113	COW VALUE	GROWTH VALUE	PROD. VALUE		
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	-	-
Index	103	88	116	98	99	96	107	106	105	105	99	111	118	102	118	-	-
EBV	-.19	0.5	3.5	8	11.1	1.7	54.6	45.1	-18.6	10.9	-.4	13	-13.8	-2.3			
Measure	37			278	324	-	-	-	-								

BONSMARA



**GENEPOEL BG080102**

WATERPASLAAGTE WAT 05342 x BOESMAN EI 9279

ID	REG	BREEDER	OWNER
BG 080102	67718106	GENEPOEL	J.H.L BOSHOFF

	CALVING EASE ★★★		MILK ★★☆	CALF GRWTH ★★★★★	MAINTENANCE ★★☆		GROWTH TEST					FERTILITY ★★☆ 87			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	-
Index	89	118	86	142	148	152	147	140	131	131	125	116	87	104	104	150	115
EBV	2.32	-1.09	-.3	33.9	58.2	67	342.5	208.8	-108.3	55.6	22.3	22.5	1.1	-3.5			
Measure	42			354	-	-	117	17.9	-	1530	1190	376					

BONSMARA



**RAMPS - WAT160075**

WATERPASLAAGTE WAT110153 x WATERPASLAAGTE WAT 00200



ID	REG	BREEDER	OWNER
WAT160075	83809855	FRIKKIE KRUGER WAT	CRV XSEED

	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★☆ 81			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	-
Index	101	76	118	106	106	108	101	99	94	105	107	101	86	87	95	105	96
EBV	0.94	0.89	8.9	17.1	27.7	18.7	113.8	77.3	-37.6	22.6	6.9	13	1.6	1.3			
Measure	36			256	-	-	104	21.3	-	1438	1196	326					

BONSMARA



**OSMOND**

GELIBAR EHE 160017 x GENEPOEL BG 130170



ID	REG	BREEDER	OWNER
EHE200120	90526310	DAAN VILJOEN	DAAN VILJOEN

	CALVING EASE ★★★★☆		MILK ★★★★☆	CALF GRWTH ★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★ 97			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	-
Index	144	109	101	85	87	123	107	101	102	116	113	114	88	109	88	114	92
EBV	-3.69	-.64	4.3	7.8	14.1	34.6	141.6	84.1	-53.2	36.5	11.7	21.2	0.2	-5.2			
Measure	30(4.9%)			241	-	-	109	21.11	5.13	1391	1147	358					

SENEPOL



### MASTER JACK



ID	REG	BREEDER	OWNER
GN 160393	8388099	A.N.L BOERDERY	MNR. J.H. HATTINGH

	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★☆☆	MAINTENANCE ★★★☆☆		GROWTH TEST					FERTILITY ★★★☆☆ 115			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★☆☆		
Index	103	103	109	102	97	98	-	-	-	-	-	-	141	105	116	-	-
EBV	0.21	-.13	1.7	4.5	4.1	-1.8	-	-	-	-	-	-	-35.2	-2.7			
Measure	38(6.4%)			255	340	513	-	-	-								

SUSSEX



### SPEEDY 2nd



ID	REG	BREEDER	OWNER
JRE 100045	71203434	RHYS EVANS GROUP	RHYS EVANS GROUP

	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★ 101			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★☆☆	★★★	-
Index	139	79	126	84	97	81	107	110	-	101	96	119	92	104	113	102	110
EBV	-2.45	1.27	13.8	6.6	25.8	4.9	144.3	116.8	-	32.4	15.5	21.5	6.7	-6.4			
Measure	34(6.7%)			259	-	605	-	-	-								

HEREFORD



### COOL CAT



ID	REG	BREEDER	OWNER
PNP 180069	88145214	C.S. PUTTERGILL	C.S. PUTTERGILL

	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★☆☆ 105			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★☆☆		
Index	111	99	117	87	85	103	95	94	96	95	95	105	114	91	105	-	-
EBV	-.33	0.37	9.7	4.1	7	22.7	27.6	43.3	-41.4	5.5	3.8	9.8	-10.4	0.4			
Measure	35			264	399	652	-	-	-								

CHAROLAIS



### LOUWCOE CHESLEY



ID	REG	BREEDER	OWNER
CB 200045	90132861	LOUWCOE CHAROLAIS	LOUWCOE CHAROLAIS

	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★☆☆ 112			COW VALUE	GROWTH VALUE	PROD. VALUE
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★☆☆	★★★☆☆	-
Index	113	109	96	103	103	95	125	130	130	114	113	109	110	111	116	119	116
EBV	-.58	-.52	0.1	14.4	22.5	13.3	143.3	89.8	-45.1	25.9	14.5	11	-11.4	-4.6			
Measure	36			203	-	-	109	21.85	4.64	1397		321					

BRAUNVIEH



BRAUNVIEH



TULI



WAGYU



TURBO

ID	REG	BREEDER	OWNER
N 170034	85999365	EDUAN BOERDERY	EDUAN BOERDERY

	CALVING EASE ★★		MILK ★★★★☆		CALF GRWTH ★★★★		MAINTENANCE ★★		GROWTH TEST					FERTILITY ★★★★ 113		COW VALUE	GROWTH VALUE	PROD. VALUE
	79	118	121	75														
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	-	
Index	81	93	118	121	126	94	122	120	122	125	110	77	121	108	97	110	99	
EBV	2.69	0.11	5.9	15.7	29.3	17.4	135.2	82.8	-104.8	33.2	12.6	-9.3	-17.9	-4.4				
Measure	47(9.2%)			360	-	-	131	15.04	-	1501	1245	346						

POLLUX

ID	REG	BREEDER	OWNER
N 140015	80847023	MEJ. M.S.E. BEZUIDENHOUT	MEJ. M.S.E. BEZUIDENHOUT

	CALVING EASE ★★★		MILK ★★		CALF GRWTH ★★★★		MAINTENANCE ★★		GROWTH TEST					FERTILITY ★★★ 99		COW VALUE	GROWTH VALUE	PROD. VALUE
	92	79 <th>124</th> <th>81</th> <th colspan="5"></th> <th colspan="2"></th>	124	81														
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	-	
Index	91	100	79	124	121	115	120	113	120	131	126	114	99	98	91	126	97	
EBV	1.64	-.17	-3	17.1	25.9	34.9	127.2	68.3	-99.5	39	23.7	12.6	-3	-2				
Measure	39(11.2%)			302	-	-	101	21.17	4.81	1479	1215	339						

OTIS



ID	REG	BREEDER	OWNER
HBH 140060	80248461	NARINA ESTATE	NARINA ESTATE

	CALVING EASE ★★		MILK ★★★★☆		CALF GRWTH ★★★★☆		MAINTENANCE ★★		GROWTH TEST					FERTILITY ★★★★ 112		COW VALUE	GROWTH VALUE	PROD. VALUE
	76	126	126	64														
	Birth wght	Birth Mat.	Milk	Wean wght	Post Wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★☆	-	
Index	78	88	126	126	133	136	127	124		124	112	117	119	106	109	124	113	
EBV	2.64	0.57	9.8	15.9	28.4	49.2	185	59.9		45.7	21	21.6	-16.3	-4.7				
Measure	39(11.3%)			265	-	-	114	13.63	-	1410	1210	325						

AL 5 ITOSHIGENAMI P12

PEDIGREE: ITOSHIGENAMI TF148 X WORLD K'S SHIGESHIGETANI X ITOZURUDOI TF151

ID	REG	BREEDER	OWNER
AL182012	5000217967	AL 5 WAGYU	AL 5 WAGYU



This exceptional breeding by the world's leading foundation sire for Marbling, Itoshigenami TF148, on a cow that was sired by the top maternal sire, Shigeshigetani. The list of top foundation sires continues, TF151, the legendary Itozuru Doi, then Sanjiro, the most influential sire in Wagyu outside Japan, Kitaguni Jr, Kikyusu 400 on top of Yuriko mitochondrial genetics. This bull would be ideally suited for F1 breeding, as well as on large frame fullblood cows.

	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)
EBV	+1.0	+1.1	-1	+2	-7	-11	-4	+0.1	-2	+4.4	+1.1	+0.7	+0.9	+2.0
Accuracy	58%	88%	72%	69%	68%	63%	54%	42%	60%	55%	52%	52%	50%	56%
Breed Avg.	-1.9	+1.5	+12	+19	+30	+35	+5	+0.7	+18	+0.8	+0.1	+0.6	+0.2	+0.3

# Gestation Table

Figure Below indicates Date Due to Calve

BASED ON 279 DAYS

JANUARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OCTOBER	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6
FEBRUARY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
NOVEMBER	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4			
MARCH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DECEMBER	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
APRIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
JANUARY	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	
MAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEBRUARY	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	1	2	3	4	5	6
JUNE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
MARCH	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	
JULY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6
AUGUST	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAY	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6
SEPTEMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
JUNE	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	
OCTOBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JULY	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6
NOVEMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
AUGUST	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	
DECEMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SEPTEMBER	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6



**BETTER COWS > BETTER LIFE**

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