

2016

HERD HEALTH IMPROVEMENT MANUAL

VIKING GENETICS SIRE DIRECTORY



*Daryl, Coral & Nicole Riley,
Cohuna, Victoria*

"We love our calm easy care Red cows. Calving problems, mastitis, feet & leg problems and poor fertility, are all at a minimum."



From left – Jackson, Ashleigh, Brady, Adam, Breanne, Nicole and Georgia

***Adam and Nicole Walpole and Family
– Bearii in North East Victoria***

"After initially trying a few straws of Viking Genetics six years ago, we increased our use of Viking rapidly and for the last four years it's been all Viking Genetics. We have done this because researching deeper into the Viking traits such as fertility, mastitis and hoof health, we have realized that the Viking proofs provide data of the highest reliabilities, which will deliver us the most rapid improvement for all important traits.

It's early days, but the calving ease, growth and now having milked the Viking cows, we couldn't be happier and will continue to use Viking into the foreseeable future."



Brian Chappell, Coraki, NSW

"We have six DJ Zuma cows, the one pictured came 1st on our local on farm challenge and 4th in the Great Northern challenge (NSW and QLD).

They are extremely nice looking cows with excellent udders and amazing

fertility. The mastitis resistance and

SCC are fantastic and production would be in the top 10% of our herd, the lactation persistence is really good,

as are the components!"



Farmers direct the future of VikingGenetics

VikingGenetics is a cooperative owned by the dairy farmers. The board of directors is always assessing the effectiveness of the NTM system. The number one priority is breeding the dairy cow that the owners (dairy farmers) demand and that cow is a medium sized well structure high producing, healthy cow for all three breeds.

BREEDING FOR HEALTH DOES NOT SACRIFICE PRODUCTION

The 3 Viking Breeds have world leading production and a list of health criteria tied in with their breeding that is the envy of the world. The Viking Holstein breed average is over 10,000 litres, the Reds 9,000 and the Danish Jersey is now well over 7,000. These impressive averages are achieved with only 31% of the NTM made up from production.

Australia's BPI is still at 51% and the HWI 38%, so we should not be afraid of adding more profit drivers other than production to breeding indexes.

EXCELLENT RESULTS WITH GENOMICS

The uptake of the use of genomic sires is rapidly increasing here and it is no different in the Viking population with over 90% of semen used on the domestic market being genomic. The reason for this is simple - "breeder satisfaction"! We are now eight years into genomics and the pace of herd improvement has never been at such a high level, currently increasing at 4 NTM points per year! (Previously 2 NTM points per year prior to genomics) that is a 100% increase!

EXPECT NTM DROPS

At the current rate of improvement if you use a NTM +40 Sire today, in 5 years' time when he gets a daughter proof he should be around +20 NTM. It is the same for a proven sire as they should consistently drop on average yearly as well. It will only be the elite few sires who will outperform their predicted proofs, and only time will identify those bulls.

NEW SIRES 2016

We have a very exciting team for all breeds for 2016 to ensure the same quality you have been used to from VikingGenetics.

We wish you all a great 2016 and please make full use of our Viking teams Services wherever you have your dairying business.



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NTM – Nordic Total Merit

What is NTM?

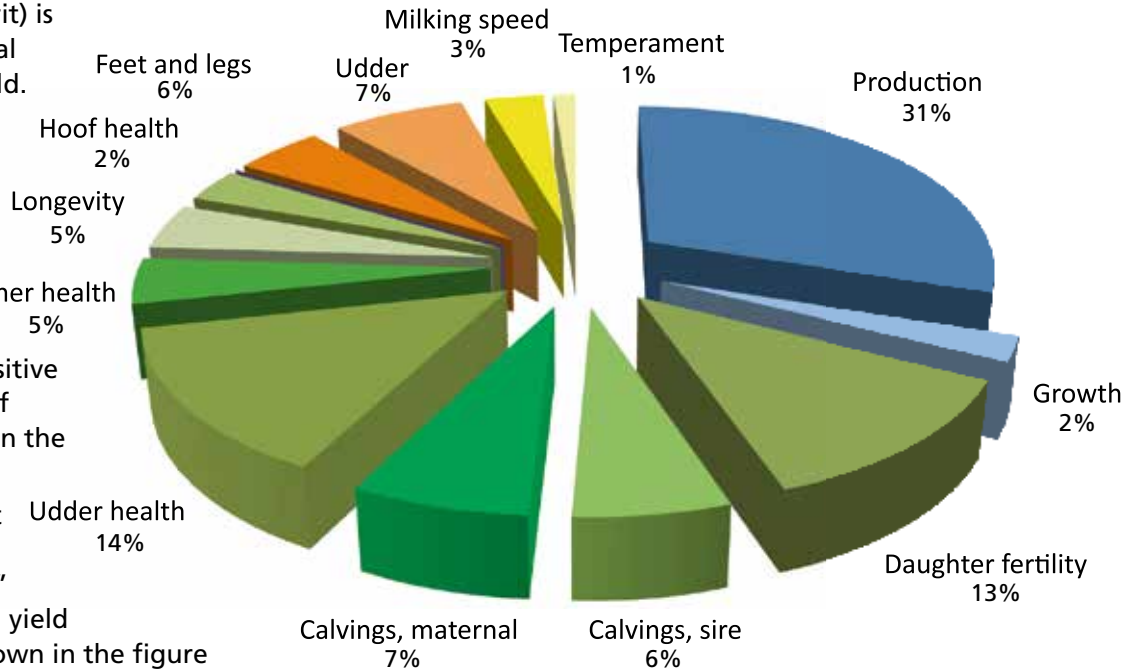
NTM (Nordic Total Merit) is the most complete total merit index in the world.

NTM consists of more than 40 subtraits combined into 12 main traits as shown in the right figure.

When you use NTM as selection criteria, you obtain positive progress for all traits of economic importance in the dairy cattle industry.

You obtain the highest progress from the "most expensive traits" such as fat and protein yield and health traits as shown in the figure to the right.

Longevity index and production index have the highest correlation of all traits to the NTM, showing that the NTM is optimized to produce long living and high producing cows.



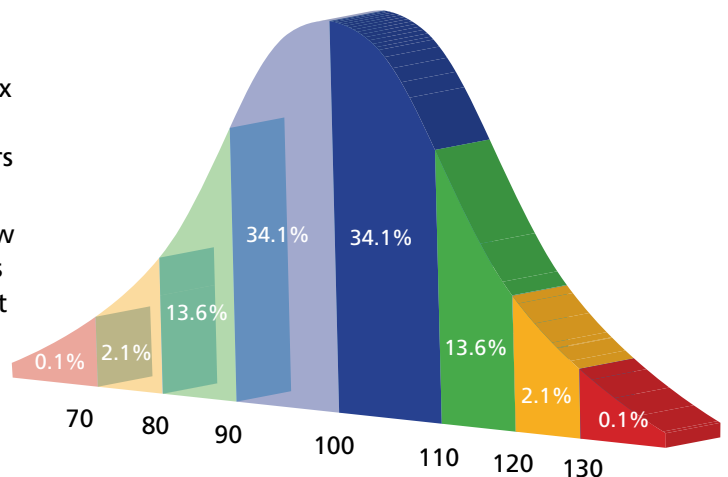
Weight of main traits in NTM for VikingHolstein (Similar for VikingReds and Jerseys)

How are the indexes in NTM expressed?

EBVs of all animals are adjusted in such a way that animals in the base population have an average index of 100. For all traits a rolling base consisting of cows from Denmark, Sweden and Finland that are 3-5 years of age at the date of publication is applied.

The Standard Deviation is a statistic that tells you how widely spread from the average the scores of all bulls are for any particular trait. The bell curve shows what each standard deviation represents.

One standard deviation (10 units) away from the mean in either direction (the purple area) accounts for about 68 % of the bulls.



74%

Non Return Rate (NRR)

This is a Scandinavian ranking, based on Scandinavian data. In the Viking population they rate a bull with a Non Return Rate by day 56 after first service. It is simply expressed as the percentage (%) of females not back in heat at day 56. If a sire is at 50% he is under observation, if a bull is 45%, semen use will stop.

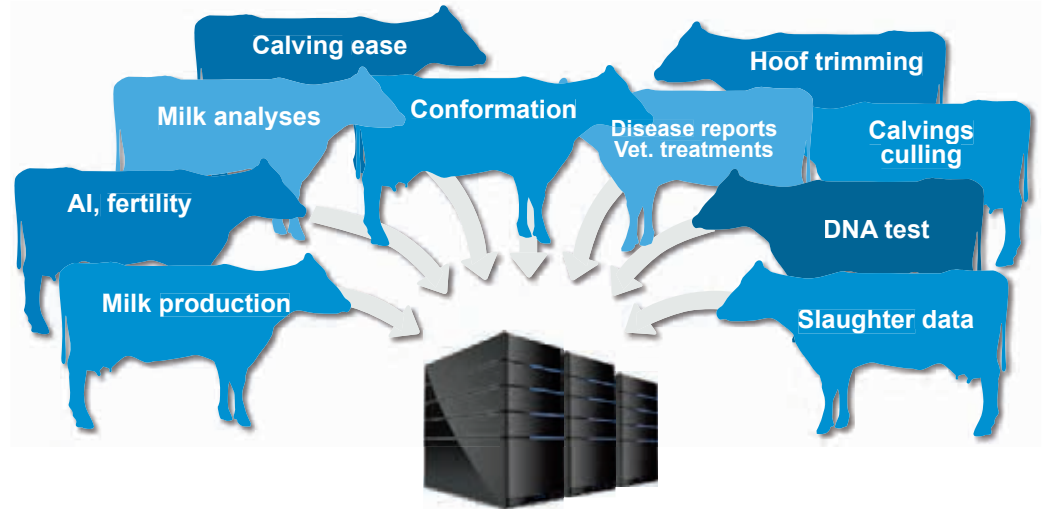


Good bulls guide symbol

When you see this icon you can be assured that the bull meets the requirements of the Good Bulls Guide.

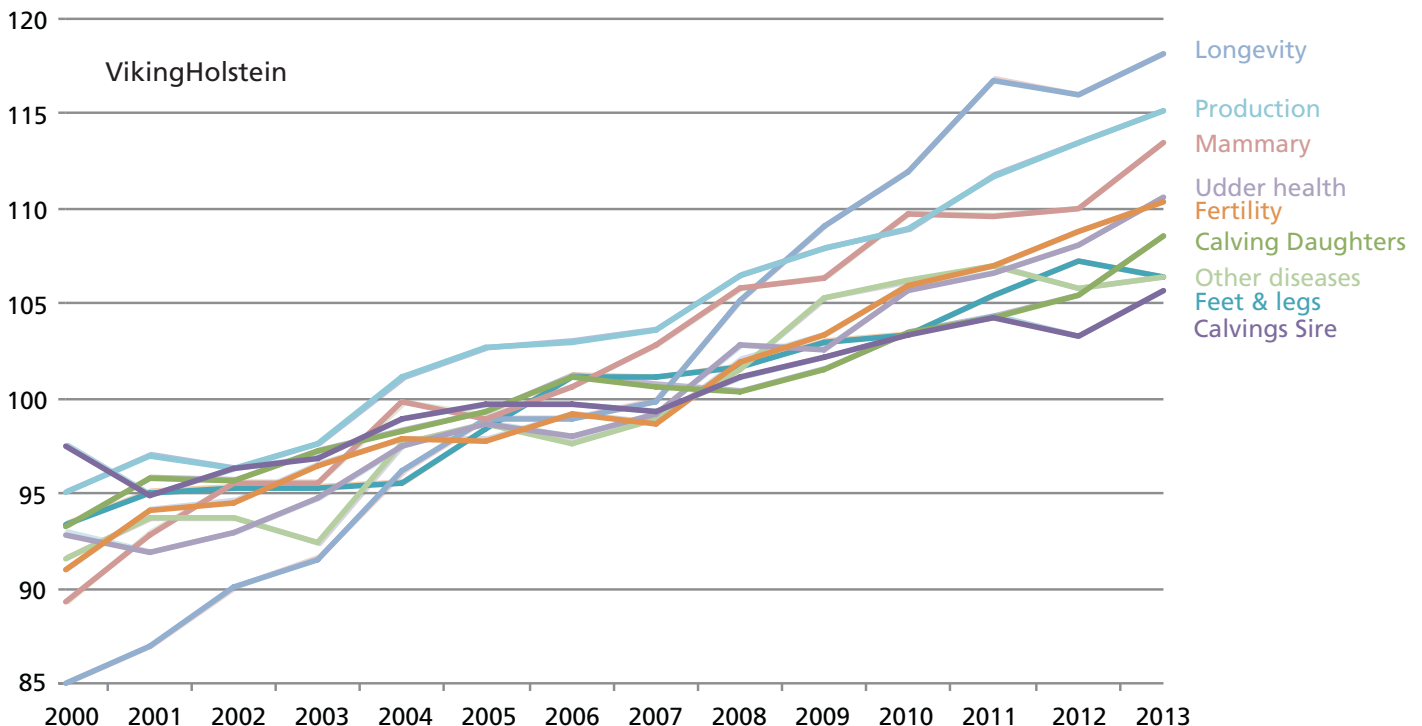
Trusted results through ONE database

- ☑ More than 90% of all registered dairy cows in milk recording (MR)
- ☑ 88% Use of A.I.
- ☑ 90% of all cows in MR contribute with registration of Health
- ☑ 90% of all cows in MR contribute with fertility data
- ☑ 90% of all cows in MR contribute to information about size of calves, calf survival and calving ease
- ☑ 88% of farms use insemination plan
- ☑ 200000 cows classified by classifiers every year in DSF



NTM steadily improves all important traits

The cow population in Denmark, Finland and Sweden is unique in that daughter fertility and the other very important traits have been increasing along with production.



Viking sires come fully optioned!

Apart from the usual conformation and management traits most countries select for, Viking sires have a long list of extra traits that if ignored, eat away your profit margins because of unwell cows. Nordic countries have been pioneers when it comes to breeding for health traits. We have had a well organized cow control for 50 years with 90% participation in herd and health data

recording. All registrations are collected in the same database, and strict veterinary rules means that all veterinary treatments are registered in the database resulting in HIGH RELIABILITY also for health traits. The newest index is hoof health, started in 2011, and all hoof trimmers today are sending their registrations to the database.

	VIKING	USA	CAN	AUS	NZL	GER	FRA	NLD	UK	ITA
Production	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kg milk	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kg fat	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kg protein	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lactation persistence	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗
Growth rate offspring	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Daily carcass gain	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Carcass conformation score	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Hoof health	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Sole ulcer	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Sole hemorrhage	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Heel horn erosion	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Digital dermatitis	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Limax	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
White line disease	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Cork screw	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Calving ease sire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Difficult calving	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stillborn calves	✓	✓	✗	✗	✗	✗	✗	✓	✗	✗
Calf size	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Daughter fertility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Other diseases	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Reproductive diseases	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Metabolic diseases	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
Udder health	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SCC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mastitis resistance	✓	✗	✓	✗	✗	✗	✓	✓	✗	✗
Longevity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Young stock survival	✓	✗	✗	✗	✗	✗	✗	✓	✗	✗
90% or more participation in herd and health recording data	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗

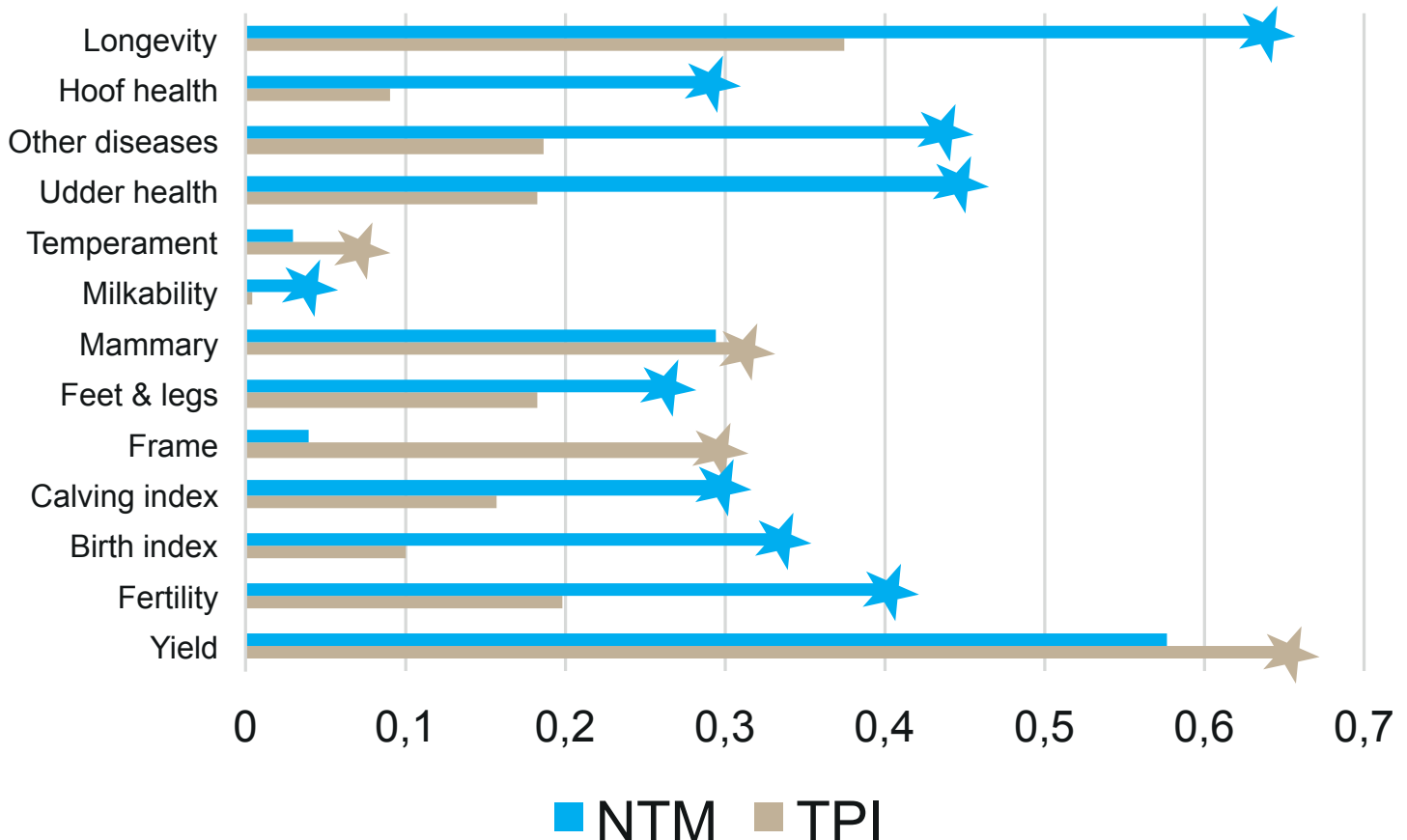
Don't compromise on fertility and health by selecting Viking Holsteins on TPI

We consider NTM the best breeding goal in the world, but still people have different preferences and therefore may use different breeding objectives. For Holsteins the TPI index seems to be the most known. Differently from NTM, where relative weights are defined mainly by objective economical modelling, weights in TPI are more subjectively defined by Holstein Association USA. NTM is a more complete total merit index with many unique traits which are beyond the scope of TPI. Moreover, some traits having similar names in TPI have much more data behind them in NTM (such as the fertility index). But what happens with EBVs included in NTM if one starts to select Holsteins from VikingGenetics using TPI? For that purpose we analyzed correlations between Nordic EBVs and TPI versus NTM for all VikingHolstein bulls (born in Denmark, Sweden and Finland) listed on www.dairybulls.com (Dec 2015), born 2008-2014 (643 sires). The results of the correlation analysis could be

interpreted as relative breeding progress for the Nordic EBVs if you select sires on TPI alternative NTM (Fig 1). The results showed that VikingHolsteins chosen on TPI would have superior frame and somewhat higher production, but only slightly better mammary than those chosen by NTM. On the other hand, NTM provides much better progress for all health and fertility traits along with longevity. Better correlation of F&L conformation with NTM reflects that our F&L composite in VikingGenetics is not completely the same as F&L are defined in US. Still all the traits have positive correlations with both total merit indices. That is because all the bulls are Viking bulls and were selected for NTM and therefore in general having good fertility and health. It is however a good illustration how considerably one will compromise on health and fertility without gaining much extra for production if one will consider to select Viking Holsteins using TPI index.

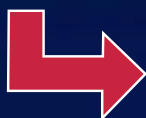
The power of breeding for NTM

Fig 1





Are you interested in taking the bulls you use to the doctor?



Get the **inside information** on your sires!

NAV (Nordic cattle breeding association) have developed a common search page for all AI-bulls that have been used in NAV-countries – [NAV Bull Search](#).

Good information on all traits

You can search a single bull and get a lot of information about sub indices, not only the combined indexes that are included in NTM. Put the mouse over the arrow and you will get a good explanation of what is behind the breeding values.

Number of daughters, reliabilities and much more

For bulls that are on the edge of getting their own proofs it is good information to know what type of index it is, genomic index (NAV G) or daughter proof

(NAV D). Just click "index type". For linear traits you can see a white circle, and that's where the optimum for the breed is.

You can make lists on all bulls, only proven bulls, bulls from a specific country, birth year etc.

Breeding values in reality

NAV also shows what breeding values mean in reality, and so far we have that for linear traits. Later in 2015 we will also find what all other traits mean in reality.

– We believe that you can get a lot of interesting information on this site. Go in and check yourself, just click the button "show phenotypic values".

Contact Viking Rep for demonstration

Mastitis resistance

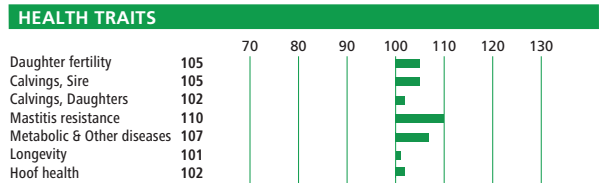
Nordic countries are unique when it comes to health traits: Veterinarians must report all treatments they do on a cow, e.g. clinical mastitis. The index mastitis resistance consists of:

- Clinical mastitis 1st to 3rd lactation
- SCC 1st to 3rd lactation
- Fore udder attachment and udder depth

High NTM – less clinical mastitis

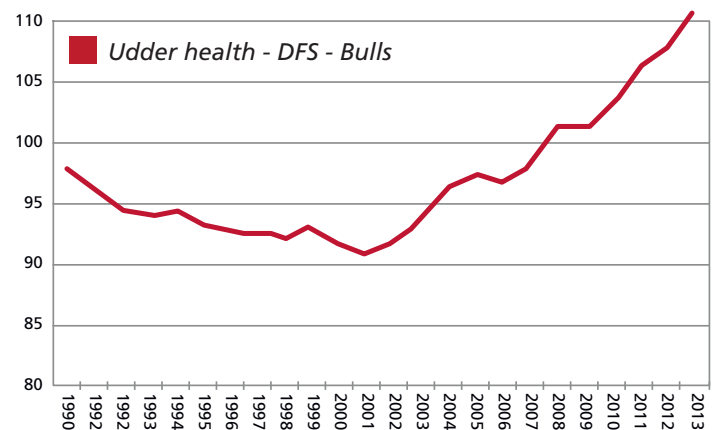
Table 1. A Swedish field study made in 2013 from 300 000 females born in 2007-2009 showing % clinical mastitis depending on NTM-level. It clearly shows the higher the NTM the lower the incidence of clinical mastitis.

VikingRed	NTM -10 or less	NTM -10 to +10	NTM +10 or more
1 st lactation	10.0 %	5.4 %	2.3 %
2 nd lactation	11.6 %	7.2 %	4.3 %
VikingHolstein			
1 st lactation	12.5 %	6.8 %	2.9 %
2 nd lactation	16.4 %	10.6 %	6.1 %



***+10 (110) index units means 1.5% less treatments in 1st lactation and 2.5% less treatments in 2nd lactation!**

Genetic trend for udder health showing a nice positive direction. Data from VikingHolstein.



Daughter fertility

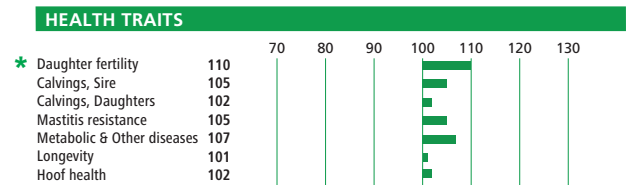
The index daughter fertility describes the genetic ability of the bull's daughters to start or resume breeding after calving, to show oestrus and to conceive at inseminations. Data comes from insemination records on heifers and cows from first three lactations.

- Numbers of inseminations (heifers and cows)
- Interval from calving to first insemination (cows)
- Interval from first to last inseminations (heifers and cows)
- Heat strength

Viking Countries, best in class!

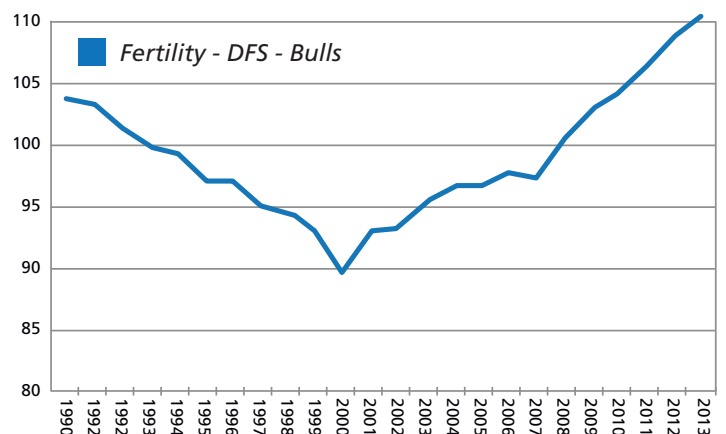
Table 1. Comparison top 100 Holstein bulls in different countries for production index and daughter fertility. Data from Interbull dec 2014.

	Viking-Genetics	Netherlands	Germany	France	USA	Canada
Production index	120	120	119	116	116	114
Daughter fertility index	108	104	103	105	102	101



***+10 (110) index units means -6.6 days open and -0.08 less services per pregnancy!**

Genetic trend for daughter fertility showing a strong positive direction. Data from VikingHolstein.



Calving Ease

Calving ease, direct

Describes bull's offsprings genetic potential to be born easily and alive. Includes breeding values for survival and calving ease in first five lactations.

Calving ease, maternal

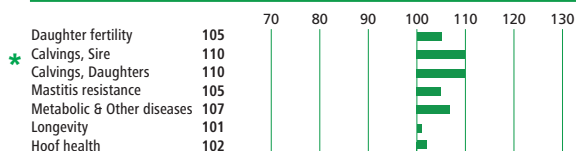
Describes the bulls daughters genetic potential for easy calving's and live born calves. A pure maternal effect, the sire is maternal grandsire of the calf.

Scandinavia ahead of other Holstein populations

Table 1. Comparison in genetic level of calving ease direct and calving ease maternal between different countries. Data is from Interbull dec 2014 showing that Scandinavian countries are ahead of other major Holstein populations in the world.

	Number of obs.	Calving ease, direct	Number of obs.	Calving ease, maternal
Denmark	384	100.4	371	101.4
Sweden	79	101.5	85	102
Finland	80	101.2	80	100.7
Canada	377	94.1	340	96.5
Germany	825	94.4	785	98.5
France	652	96.1	539	98.6
England	94	95.9	39	96.5
Italy	543	94.1	172	100.1
Holland	622	97.7	528	98.2
USA	2318	96.7	2005	101.7

HEALTH TRAITS



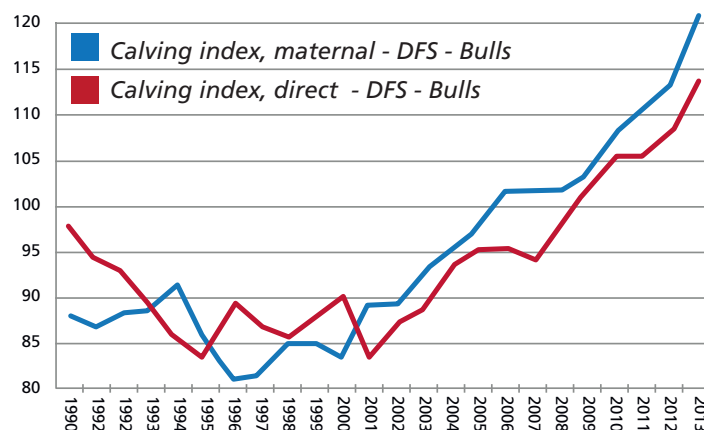
***+10 (110) index units in calving ease means a reduction of difficult calvings by 2%.**

Good improvement!

Table 2. In 2009 there were 10.5% stillborn calves in Holsteins, today only 8.4%. Good improvement in 5 years.

	Number of records	% difficult calvings	% stillborn calves
VikingHolstein, heifers	53000	4.0	8.4
VikingHolstein, cows	143300	1.7	4.7
VikingRed, heifers	37000	3.3	5.1
VikingRed, cows	102600	1.6	4.0

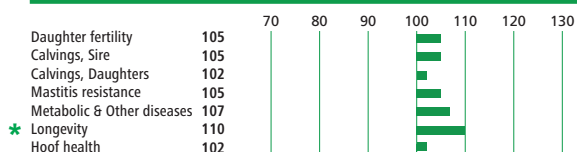
Genetic trend for calving ease showing a nice positive trend. Data from VikingHolstein.



Longevity

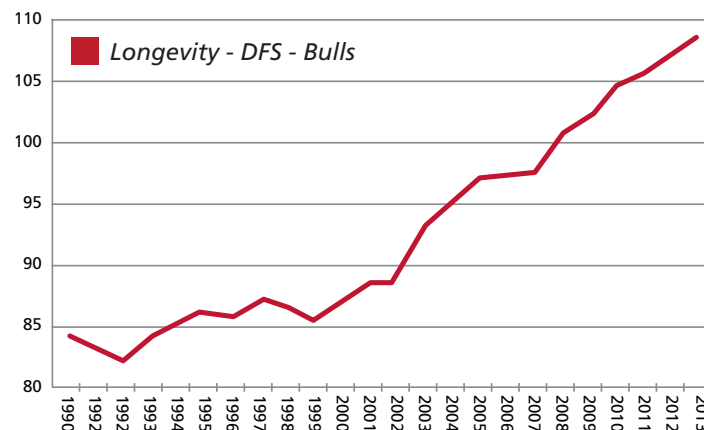
The index for longevity describes the genetic ability of the bull's daughters to survive. Bulls with high indexes for longevity breed daughters with a longer productive life. The breeding value for longevity is heavily influenced by fertility, udder health and other diseases, also udder conformation and feet & legs. The value of longevity is a combination of % culled in 1st, 2nd and 3rd and later lactations.

HEALTH TRAITS



***+10 (110) index units in longevity means 36 days longer productive life.**

Genetic trend for longevity showing a nice positive trend. Data from VikingHolstein.



Other diseases

The index "other diseases" describes the genetic resistance of bull's daughters to reproductive, metabolic and feet and leg diseases and includes breeding values for early and late reproductive disorders, metabolic diseases, feet and leg problems. The index is based on health records made by veterinarians from the first three lactations.

Data collection started in 1990. Disease groups are following:

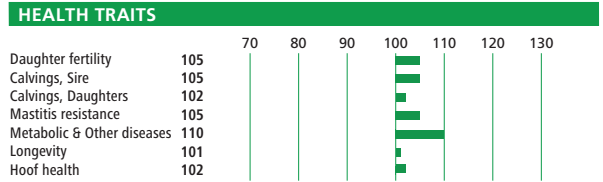
Early and late reproductive disorders

- Retained placenta
- Hormonal reproductive disorders
- Infective reproductive disorders
- Other reproductive disorders

Metabolic disorders

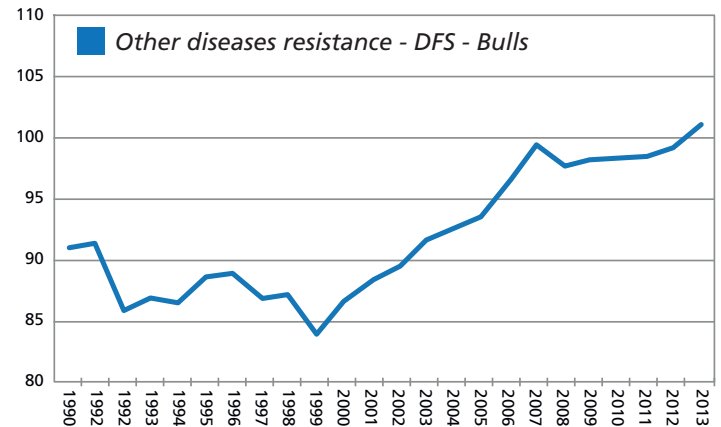
- Ketosis
- Milk fever
- Other metabolic diseases
- Other feed related disorders
- Other diseases

Feet & leg disorders



***+10 (110) index units in other health means 2.7 % less treatments in first lactation and 3.6 % less treatments in third lactation.**

Genetic trend for other disease resistance showing a nice positive direction. Data from VikingHolstein.



Hoof health

Hoof health is a very important trait. It is painful for the cow and it affects milk production and the total economy for the farmer.

The Hoof Health Index describes the genetic resistance of bulls daughter's to resist hoof diseases. Data comes from hoof health records made by hoof trimmers in the first three lactation. 1 to 3 trimmings are included in each lactation. The distance between two trimmings must be at least twelve weeks.

Lesions and relative weights in hoof health index

Infectious (hygiene related)

- Heel horn erosion (9.8%)
- Digital Dermatitis (9.8%)
- Skin proliferation (17.4%)

Laminitis related

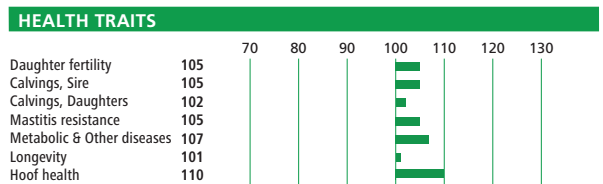
- Sole hemorrhages (5.8%)
- White line separation + Double sole (6.7%)
- Sole Ulcer (44.7%)

Abnormal shape

- Cork screw hoof (5.8%)

Correlations

- Hoof health - Feet & leg conf. = 0.05 (low correlation)
- Hoof health - Longevity = 0.25 (medium high correlation)



***+10 (110) index units in Hoof health means 4.0% less dermatitis and 3.3% less Sole ulcer**



"Our cows are walking long distances so the hoof health index and feet and legs are very important to us"

Geoff Evans, Cobden, Vic

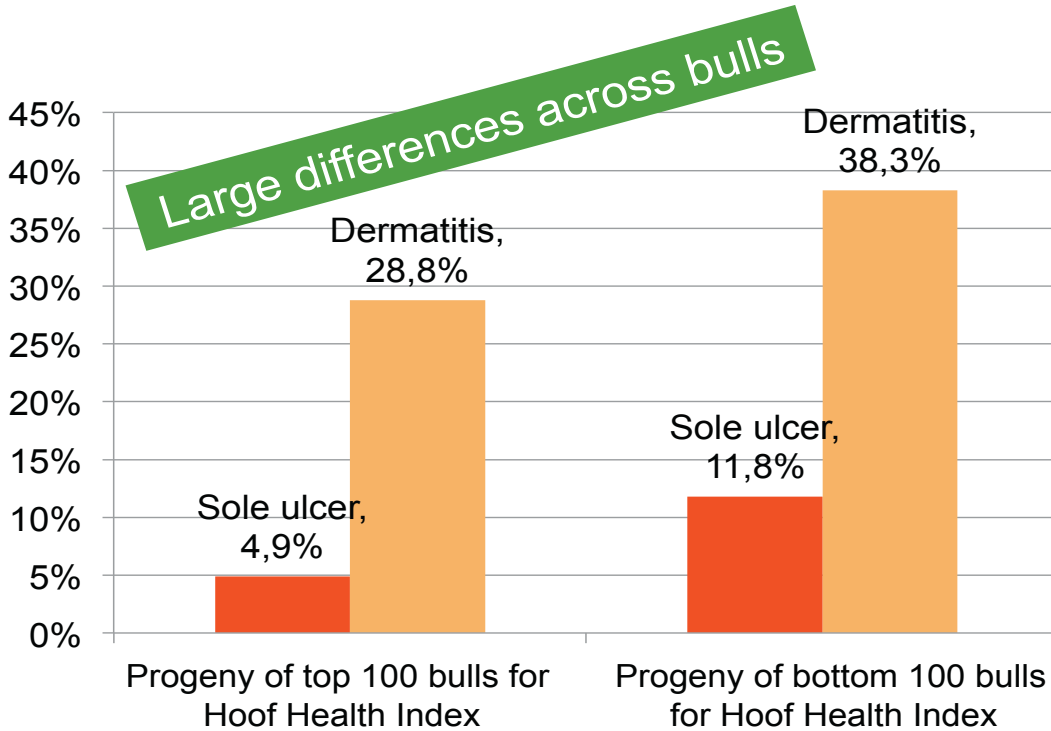
Hoof health index versus Feet & Legs index

There is a large variation across the sire daughter groups in hoof health. Direct selection based on hoof health

index is by far more efficient than selection on indirect traits, such as Feet & Legs index.

If you select for Hoof health

Differences of expected hoof health in progeny of top 100 and bottom 100 Holstein bulls (born 2006-2009)

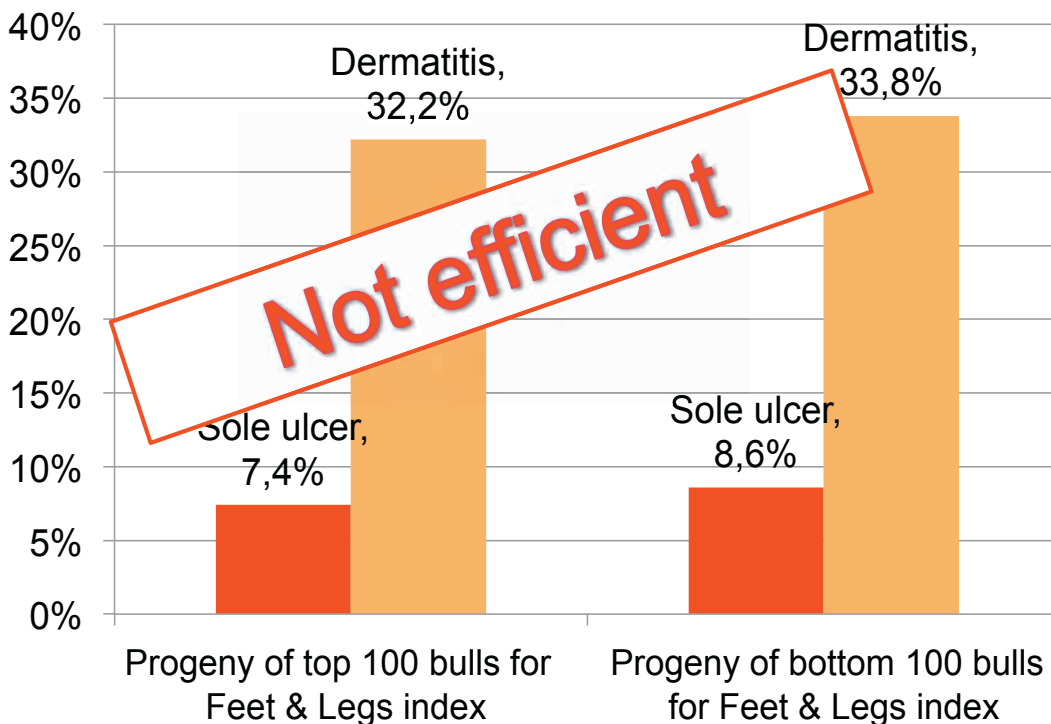


■ Sole ulcer
■ Dermatitis



If you select for Feet & Legs index

Differences of expected hoof health in progeny of top 100 and bottom 100 Holstein bulls (born 2006-2009)



■ Sole ulcer
■ Dermatitis



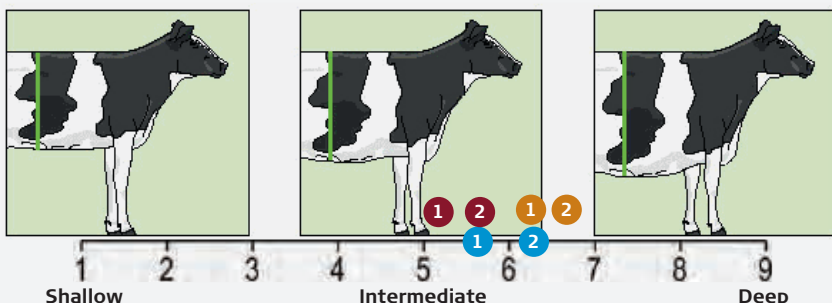
Type guide for selected type traits

VikingGenetics breeds for functional type-medium sized cows, strong feet&legs and shallow, well attached udders with correct teat placement. Cows that fit perfectly into

modern production systems! Below is a guide for some of the type traits which we receive the most questions about.

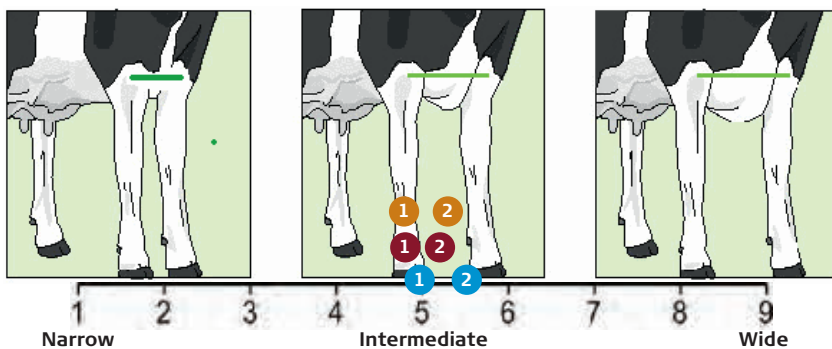
STATURE **Holstein:** Average height at hips 148.3 cm for 1st calvers. 10 units either way (90 or 110) will move this by 1.3 cm either side of the average. **VikingRed:** Average height at hips 140.7 cm for 1st calvers. 10 units either way (90 or 110) will move this by 1.1 cm either side of the average. **VikingJersey:** Average height at hips 128.7 cm for 1st calvers. 10 units either way (90 or 110) will move this by 0.7 cm either side of the average.

BODY DEPTH The picture shows where our sires rank highest to lowest for each breed on the classification scale (1-9).



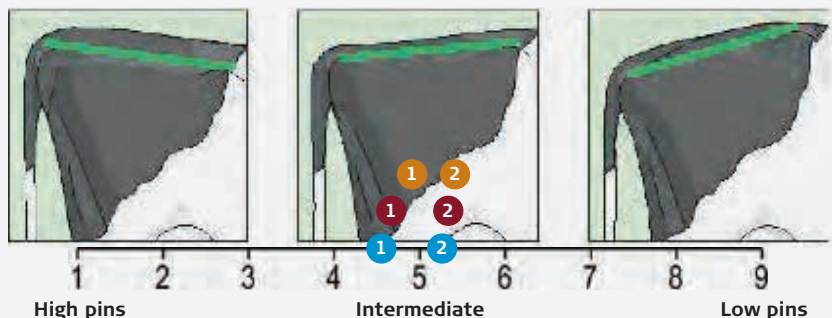
Breed	Optimum	Average	Sire	Breeding Value
Holstein	6	6.1	1 S Ross	73
Holstein	6	6.1	2 D Sol	110
Reds	6	5.4	1 VR Hambo	91
Reds	6	5.4	2 R Bangkok	124
Jersey	6	6.5	1 DJ Zuma	82
Jersey	6	6.5	2 VJ Husky	120

CHEST WIDTH The picture below shows where our sires rank highest to lowest for each breed on the classification scale (1-9).



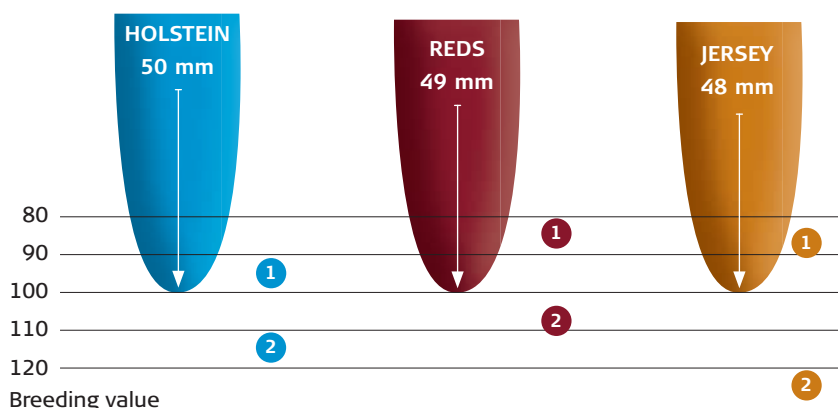
Breed	Optimum	Average	Sire	Breeding Value
Holstein	5	5.2	1 D Limbo	83
Holstein	5	5.2	2 VH Strong	123
Reds	5.5	5.0	1 R Facet	86
Reds	5.5	5.0	2 R Bangkok	118
Jersey	5	5.1	1 DJ Zuma	76
Jersey	5	5.1	2 VJ Husky	124

RUMP ANGLE The picture below shows where our sires rank highest to lowest for each breed on the classification scale (1-9).



Sire	Breeding Value
1 VH Rudolf	87
2 VH Strong	120
1 R Harvard	78
2 VR Borat	107
1 VJ Haley	99
2 VJ Lure	121

TEAT LENGTH The pictures below shows the average (Breeding value 100) teat length for each breed and the sires with the shortest and longest teats.



Breed	Average	Sire	Breeding Value
Holstein	50 mm	1 VH Basten	95
Holstein	50 mm	2 VH Osmus	116
Reds	49 mm	1 VR Faber	84
Reds	49 mm	2 VR Uudin	108
Jersey	48 mm	1 DJ Zuma	88
Jersey	48 mm	2 VJ Buffo	125

TEAT THICKNESS. For Holsteins, Viking Reds and Jerseys the teat thickness is average 2.3 cm in diameter. A -10 (90) sire would make the measurement for that trait to 2.2 cm.

Cost cutting COWS



When milk price is low, it is important to cut costs, but in the right way.

By choosing VikingGenetics you will always be making the most profitable choice; Healthy cows and high production. An everyday solution that works!



VIKINGGENETICS[®]

adding value every day



- The strongest engine • Outcross • Medium size
- Mastitis resistance • High production • Hoof health
- Superior reproduction • Functionality



Great Genomic deal!

Purchase 50+ units of any genomic sires from our 2016 team and you get **\$2 off RRP** on those sires

Purchase 100+ units of any genomic sires from our 2016 team you get **\$4 off RRP** on those sires

1+1 deal!

Purchase 50 units of any genomic sire from our 2016 team and **50 units** of any proven sire above \$20 RRP and you get **\$2 off the RRP** on those sires

Purchase 100 units genomic sires from our 2016 team and **100 units** of any proven sire above \$20 RRP and you get **\$4 off the RRP** on those sires

Viking Holstein Top3 – make your choice!

NTM	
VH STORM	+34
VH SIMON	+34
VH PONTOS	+33

MASTITIS RESISTANCE	
VH ZAZA	+115
VH SIMON	+113
VH STORM	+110

UDDERS	
VH MANDEL	+128
VH SIMON	+125
VH COSMO	+118

PRODUCTION	
VH STORM	+121
VH PONTOS	+120
VH COSMO	+119

METABOLIC, FERTILITY, FEET & LEG DISORDERS	
VH FANTA	+119
VH OYVIND	+119
D SOL	+118

FEET AND LEGS	
VH STORM	+119
VH OYVIND	+114
VH LAUKKA	+111

DTR FERTILITY	
VH SIMON	+124
S ROSS	+120
VH FANTA	+119

HOOF HEALTH	
VH OYVIND	+120
VH GROOM	+120
VH OSMUS	+114

TEMPERAMENT	
VH PONTOS	+109
VH BENTO	+109
VH MIRACLE	+108

CALVING EASE SIRE	
VH FIERY	+110
VH OSMUS	+104
D SOL	+103

LONGEVITY	
VH PONTOS	+123
VH COSMO	+122
VH SIMON	+122

MILKING SPEED	
VH MIRACLE	+126
VH COSMO	+117
VH MANDEL	+114

Strong breeding programme

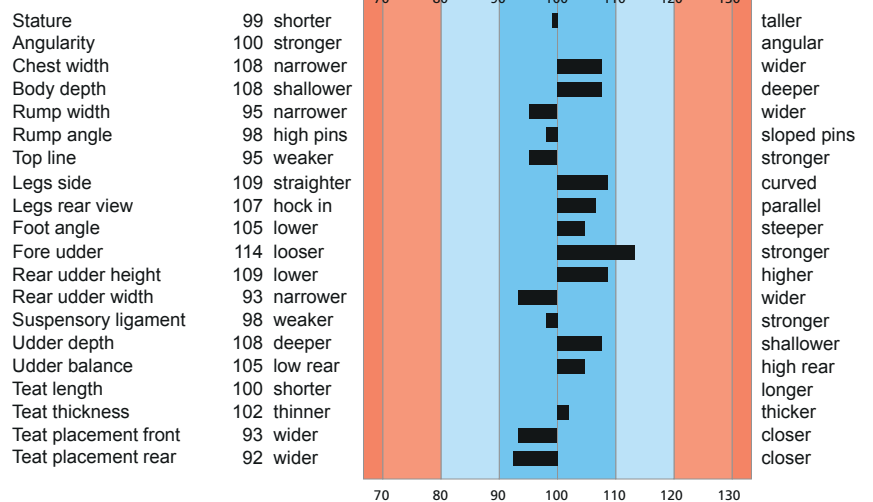
The world leader Holstein population for health and reproduction traits. VikingHolsteins are the natural choice for dairy producers who want easily managed, healthy cows with excellent production. Interbull figures prove that VikingHolsteins have the world's highest genetic potential in production of milk.

No. of Cows	584000
Milk, kg	10054
Fat, kg	405
Fat, %	4.03
Protein, kg	340
Protein, %	3.37

Production figures are weighed values from Denmark, Sweden and Finland, 365 days milk recording 2013/2014.

Balanced Breeding

The most profitable cow for all breeds is your medium sized cow. Selecting sires that leave traits to the left and right of 100 is essential for a balanced programme to avoid extremes. Almost 70% of the female population is in the blue zone between 90-110. Changes within this zone are very minimal either way. One standard deviation is 10 points, so this sire is basically keeping the population constant apart from strengthening fore udder which is above average. This is a very good sire to maintain your medium sized cow with good functional type.



VH Cosmo

VH Clark / Router / Oman

NEW!



gNTM +33
+\$516 more profit

Nordic Breeding values feb 2016
 100 = Breed average



70% Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 257238**

Date of birth **24-12-2013**

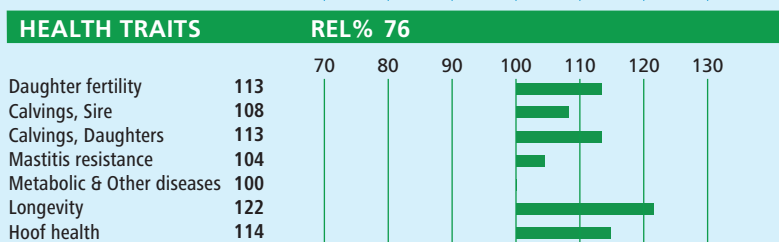
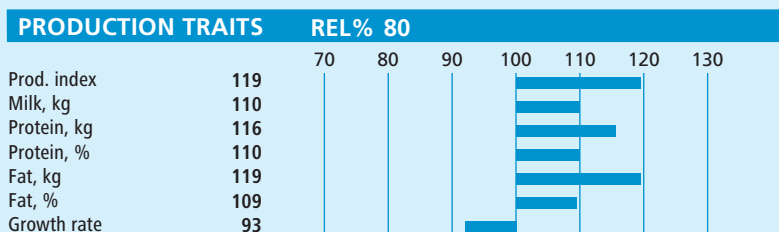
Bull ID **VIKHCOSMO**

Nasis ID **89FFK08**

1+1 DEAL

RRP \$24.00 + GST

SEXED SEMEN \$50.00 + GST



PRODUCTION

Dam average
38000-4509
 1 lact
10882 kg
 4.31 % F / 469 kg F
 3.60 % P / 392 kg P

- Black sire with outcross lines
- Excellent milk and components coupled with strong health
- Superb udders with longer, thicker teats
- Fast milking, calm daughters

TOTAL

Frame	102	Feet & Legs	108	Udder	118	Milking speed	117 very fast	Temperament	107 calm
-------	-----	-------------	-----	-------	-----	---------------	---------------	-------------	----------

TYPE PROOF

Stature	109	Fore udder	120
Angularity	109	Rear udder height	112
Chest width	100	Rear udder width	108
Body depth	101	Suspensory ligam.	99
Rump width	87	Udder depth	112
Rump angle	96	Udder balance	108
Top line	94	Teat length	113
Legs side	83	Teat thickness	104
Legs rear view	106	Teat placem. front	113
Foot angle	111	Teat placem. rear	103

VH Cosmo is a bull you should pay attention to. Being a son of one of the highest daughter proven bulls VH Clark (NTM +22) is definitely a strength and it is easy to find the foot mark from the sire. Top hoof health that will contribute to economical gain for your herd.

He is bred by Michael Jensen in Hammel his dam, a Router (Roumare x Ramos) cow is a really high producing cow with an average of more than 1000 kg fat + protein in first lactation and classified VG87.

Beside from the impressive hoof health you should expect high production, superb udders, good reproduction and fast milking speed from your VH Cosmo cows. Sexed semen is available.



VH Pontos

NEW!

Picanto / VH Bismark / D Onsild



gNTM +33
+\$516 more profit

Nordic Breeding values feb 2016
 100 = Breed average



72% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 257364

Date of birth
24-01-2014

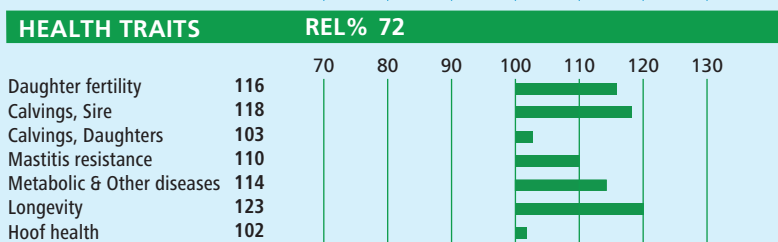
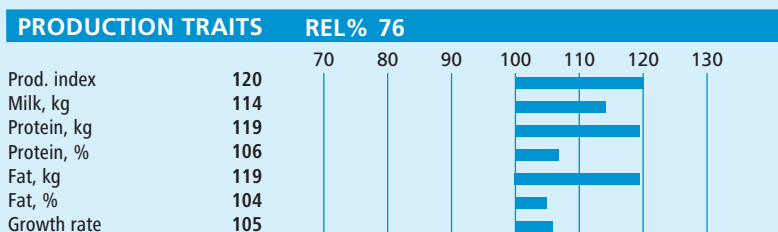
Bull ID
VIKHPONTOS

Nasis ID
89FFL07

1+1 DEAL

RRP \$24.00 + GST

SEXED SEMEN \$50.00 + GST



PRODUCTION

Dam average
34242-3031
 2 lact
11517 kg
 4.48% F / 515 kg
 3.59% P / 414 kg

- Strong health profile which leads to great scores for longevity
- Nice udder conformation
- Superb heel depth, almost two deviations positive for foot angle

TOTAL

Frame 98 Feet & Legs 96 Udder 107 Milking speed 101 average Temperament 109 calm

TYPE PROOF

Stature	100	Fore udder	111
Angularity	93	Rear udder height	101
Chest width	109	Rear udder width	114
Body depth	98	Suspensory ligam.	96
Rump width	91	Udder depth	103
Rump angle	100	Udder balance	105
Top line	101	Teat length	98
Legs side	93	Teat thickness	111
Legs rear view	101	Teat placem. front	109
Foot angle	118	Teat placem. rear	97



VH Pontos is bred at Tronsmark Holstein, Bindslev in the very North of Denmark. He is a good example of combining some international bloodlines – in this case the German Snowman son Picanto, with VikingHolstein genetics. Pontos adds milk and components and wonderful health traits combined with medium framed cows with nice udders.

The VH Bismark dam is high producing with an average of 11517 kg with good components. She is classified VG88 in first lactation. Health, fertility, production and functionality in conformation – these are good words to describe VH Pontos – a bull easy to use in general in the herd. Also notice that sexed semen is available.

VH Fiery

VH Fanta / VH Oyvind / Mascol

NEW!



gNTM +26
+\$407 more profit

Nordic Breeding values feb 2016
100 = Breed average



75% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 256615

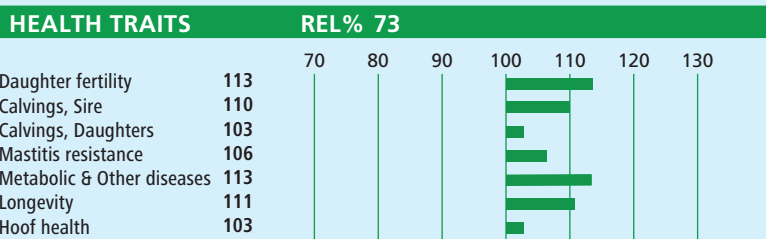
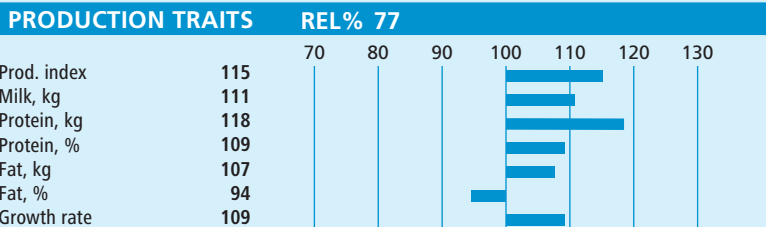
Date of birth
09-05-2013

Bull ID
VIKHFIERY

Nasis ID
89FFK09

**1+1
DEAL**

**RRP
\$24.00
+ GST**



PRODUCTION

Dam average
40693-03282
1 lact
9771 kg
4.09 % F / 399 kg F
3.55 % P / 347 kg P

CALVING EASE GUIDE

Rel 98%	Easy	Average	Harder
Cows / 4096*	●		
Heifers / 2759*	●		

*Number of observations

GESTATION LENGTH -2.09 days

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
93	97	112	101 average	99 average

TYPE PROOF

Stature	95	Fore udder	115
Angularity	98	Rear udder height	109
Chest width	99	Rear udder width	101
Body depth	95	Suspensory ligam.	111
Rump width	93	Udder depth	112
Rump angle	99	Udder balance	99
Top line	100	Teat length	97
Legs side	110	Teat thickness	92
Legs rear view	106	Teat placem. front	122
Foot angle	95	Teat placem. rear	123

- Use this sire on maiden heifers!
- Smaller calves with great growth rates, PERFECT!
- Outcross lines, perfect for big syncro programmes as VH Fiery has very high semen fertility as well

The top daughter proven bull VH Fanta was used as a sire of son based on his genomic information, and it is therefore possible to have sons from him already now. VH Fiery is definitely one that draws attention. He is excellent for mating programmes as he has high semen fertility combined with superb calving ease, perfect for use over maiden heifers. He will also bring stature down a little and add strength along with impressive health traits.

The dam of VH Fiery is a nice VH Oyvind daughter with an average production in her first year above 11000 kg milk, with 4.30% in fat and impressive 3.70% in protein. She is classified 84. VH Fiery was the fifth most used bull in VikingGenetics' homemarket in 2015. In VH Fiery, you will find a good balance with strong production, super health and fertility and strong udders. He is born at the herd of Jesper Thomsen, Denmark.



VH Simon

VH Sprite / VH Bento / D Grove

NEW!



gNTM +34
+\$532 more profit

Nordic Breeding values feb 2016
 100 = Breed average



76% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 257771

Date of birth
01-09-2014

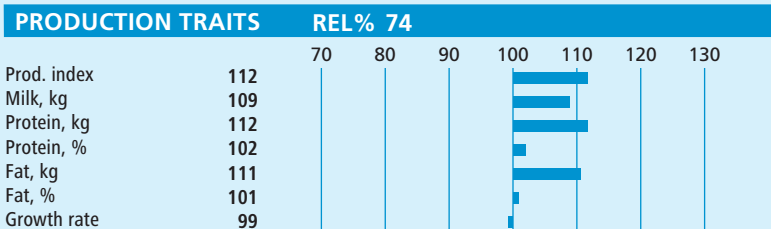
Bull ID
VIKHSIMON

Nasis ID
89FFL06

**1+1
 DEAL**

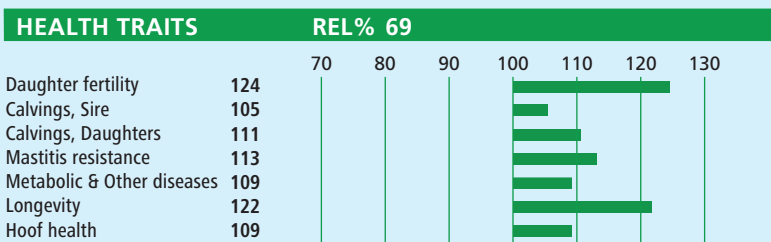
**RRP
 \$24.00
 + GST**

**SEXED
 SEMEN
 \$50.00
 + GST**



PRODUCTION

Dam average
29084-2207
 1 lact
12198 kg
 4.58 % F / 559 kg F
 3.64 % P / 444kg P



- Lovely, predominately black son of VH Sprite
- Dam is sired by the very popular VH Bento who now has impressive daughters in milk here in Australia
- Exceptional Daughter Fertility

TOTAL

Frame	103	Feet & Legs	103	Udder	125	Milking speed	97 average	Temperament	105 average
-------	-----	-------------	-----	-------	-----	---------------	------------	-------------	-------------

TYPE PROOF

Stature	103	Fore udder	115
Angularity	92	Rear udder height	121
Chest width	112	Rear udder width	103
Body depth	94	Suspensory ligam.	118
Rump width	106	Udder depth	125
Rump angle	99	Udder balance	108
Top line	104	Teat length	100
Legs side	98	Teat thickness	98
Legs rear view	101	Teat placem. front	110
Foot angle	118	Teat placem. rear	111



VH Simon is in many ways homemade. A quick look at the sire line shows VikingHolstein bulls, but also on the female side, he is homemade. VH Simon is bred at the famous herd of Lisbeth Klinge in Denmark, and so is his maternal grandsire VH Bento – a cow with 1.1 year in production with more than 14000 kg milk and 1100 kg fat and protein. Classified VG85. VH Simon has his strengths in female fertility (124), calving ease (111), udder health (113) and mammary in the very top (125). Sexed semen is available.

VH Storm

VH Sprite / D Dundee / RGK Flak

NEW!



gNTM +34
+\$532 more profit

Nordic Breeding values feb 2016
 100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 257778

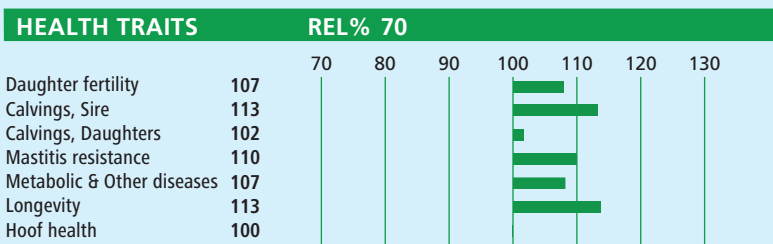
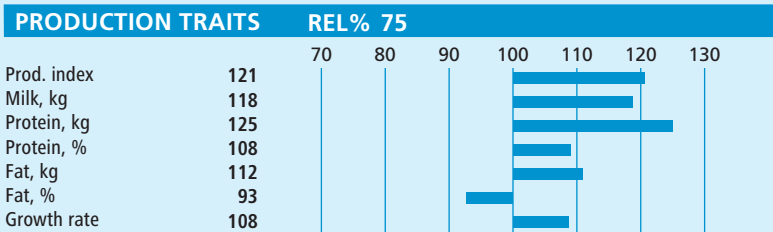
Date of birth
11-10-2014

Bull ID
VIKHSTORM

Nasis ID
89FFL10

**1+1
 DEAL**

**RRP
 \$24.00
 + GST**



PRODUCTION

Dam average
51813-3871
 3 lact
11003 kg M
 3.97 % F / 437 kg F
 3.62 % P / 398 kg P

- Outcross lines
- Shallow udders with super rear attachments
- Suberb production and health

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
98	119	116	109 fast	105 average

TYPE PROOF

Stature	106	Fore udder	107
Angularity	103	Rear udder height	125
Chest width	97	Rear udder width	108
Body depth	86	Suspensory ligam.	113
Rump width	98	Udder depth	118
Rump angle	96	Udder balance	114
Top line	105	Teat length	98
Legs side	109	Teat thickness	97
Legs rear view	116	Teat placem. front	112
Foot angle	108	Teat placem. rear	113



VH Storm is from Thomas Hansen, Denmark, bred on a D Dundee cow that has given three bulls to VikingGenetics in an untraditional way. Both first and second calf were bulls that VikingGenetics tested and bought – the oldest was a D Jul son (VH Joab) soon with daughter proven indexes. With this in mind, Thomas decided to flush the cow and make a genomic test. One of the flushings resulted in VH Storm.

Now the D Dundee cow has calved four times, produced 11700 kg in average and is classified 85. VH Storm has very good protein production with strong health, feet and legs and excellent udder traits, rear udder height +126 !

DRH Falk

Fidji / DRH Tahiti / Goldstar

NEW!



gNTM +21
+\$328 more profit

Nordic Breeding values feb 2016
 100 = Breed average



73% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 257799

Date of birth
17-03-2013

Bull ID
VIKHFALK

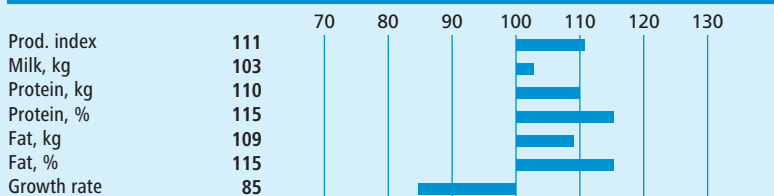
Nasis ID
89FRK02

**1+1
 DEAL**

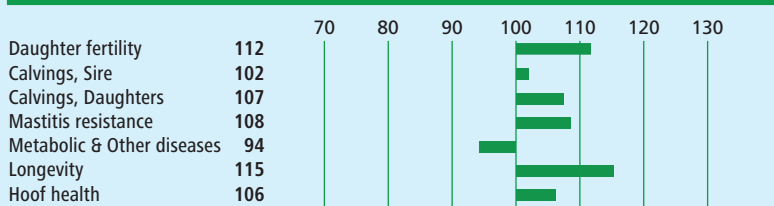
**RRP
 \$24.00
 + GST**



PRODUCTION TRAITS REL% 75



HEALTH TRAITS REL% 69



PRODUCTION

Dam average
30665-01535
 4 lact
9670 kg
 4.66 % F / 451 kg F
 3.79 % P / 347 kg P

- Great all round Red Holstein sire
- Different lines for Red enthusiasts
- Nice udders and longer teats

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
107	111	117	105 average	102 average

TYPE PROOF

Stature	114	Fore udder	109
Angularity	103	Rear udder height	106
Chest width	97	Rear udder width	108
Body depth	89	Suspensory ligam.	106
Rump width	105	Udder depth	115
Rump angle	110	Udder balance	97
Top line	98	Teat length	110
Legs side	101	Teat thickness	99
Legs rear view	100	Teat placem. front	97
Foot angle	105	Teat placem. rear	103

Something special in Red & White

DRH Falk (Fidji x DRH Tahiti x Goldstar) is a Red Holstein that should be of interest to Red Enthusiasts. The most dominant Red Holstein cow family at the moment in Viking Genetics area is without any doubt the family coming from Erling Kristensen in Aars, Denmark. The DRH Tahiti cow is the dam of DRH Falk and also the grand-dam of both VH Cap Red (DRH Can Be Son with NTM +33) and VH Run Red (Red Mist son with NTM +38). An amazing accomplishment! DRH Falk has a really appealing profile, good female fertility and reproduction being super. Healthy cows, especially when it comes to udder health and hoof health, also good components and balanced conformation.

VH Zaza

VH Zhenja / S Ross / Rakuuna



- Proven Australian performers with S Ross and Rakuuna in the pedigree
- Wonderful health and longevity
- Very nice udder conformation with excellent rear teat placement

gNTM +28**+\$438 more profit**Nordic Breeding values feb 2016
100 = Breed average**65%**

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$18.00
 + GST
Herdbook
FINLAND 97259Date of birth
18-09-2013Bull ID
VIKHZAZANasis ID
91FFK01**PRODUCTION**

Dam average

338 Ipana
2 lact
11536 kg
4.3 % F / 493 kg F
3.9 % P / 449 kg P
PRODUCTION TRAITS REL% 78

Trait	Value	REL%
Prod. index	112	78
Milk, kg	95	78
Protein, kg	107	78
Protein, %	127	78
Fat, kg	113	78
Fat, %	122	78
Growth rate	90	78

HEALTH TRAITS REL% 73

Trait	Value	REL%
Daughter fertility	116	73
Calvings, Sire	103	73
Calvings, Daughters	105	73
Mastitis resistance	115	73
Metabolic & Other diseases	109	73
Longevity	119	73
Hoof health	105	73

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
106	100	115	109 fast	104 average

TYPE PROOF

Stature	106	Fore udder	114
Angularity	99	Rear udder height	105
Chest width	112	Rear udder width	109
Body depth	98	Suspensory ligam.	103
Rump width	102	Udder depth	111
Rump angle	103	Udder balance	112
Top line	105	Teat length	98
Legs side	87	Teat thickness	104
Legs rear view	102	Teat placem. front	96
Foot angle	109	Teat placem. rear	87

VH Laukka

VH Lumb / D Estrup / Mikkantuu



- Very popular black sire in our 2015 team
- Strong production and health scores, built to last!
- Daughters walk nice and square with strong fore attachment and well tucked up udders

gNTM +26**+\$407 more profit**Nordic Breeding values feb 2016
100 = Breed average**N/A**

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$18.00
 + GST
Herdbook
FINLAND 97347Date of birth
13-12-2013Bull ID
VIKHLAUKKANasis ID
91FFK02**PRODUCTION**

Dam average

356 Ilma
1 lact
7246 kg M
4.2 % F / 304 kg F
3.3 % P / 239 kg P
**PRODUCTION TRAITS REL% 76**

Trait	Value	REL%
Prod. index	114	76
Milk, kg	103	76
Protein, kg	114	76
Protein, %	121	76
Fat, kg	108	76
Fat, %	106	76
Growth rate	109	76

HEALTH TRAITS REL% 73

Trait	Value	REL%
Daughter fertility	108	73
Calvings, Sire	108	73
Calvings, Daughters	110	73
Mastitis resistance	104	73
Metabolic & Other diseases	112	73
Longevity	108	73
Hoof health	98	73

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
112	111	116	116 very fast	101 average

TYPE PROOF

Stature	109	Fore udder	114
Angularity	109	Rear udder height	108
Chest width	105	Rear udder width	106
Body depth	104	Suspensory ligam.	91
Rump width	102	Udder depth	112
Rump angle	106	Udder balance	101
Top line	94	Teat length	106
Legs side	102	Teat thickness	98
Legs rear view	121	Teat placem. front	103
Foot angle	107	Teat placem. rear	97

VH Groom

VH Gento / O-Man / Curtis

NEW!



- Adds strength
- Leading Hoof health
- Longer, thicker teats
- Vigourous calves

NTM +21

+\$328 more profit

Nordic Breeding values feb 2016
100 = Breed average

73%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$24.00 + GST

1+1 DEAL

Herdbook **Sweden 48898**

Date of birth **08-05-2010**

Bull ID **VIKHGROOM**

Nasis ID **87FFG04**

PRODUCTION

Daughter average, 1st lactation, 305 days

Milk kg **8553**
Fat % **4.1**
Fat kg **352**
Prot % **3.4**
Prot kg **290**

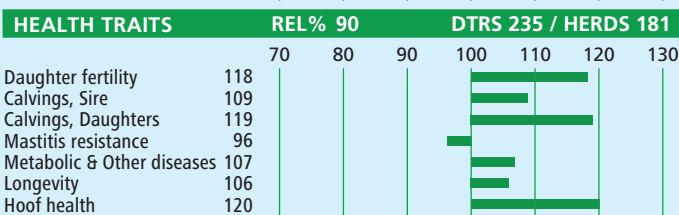
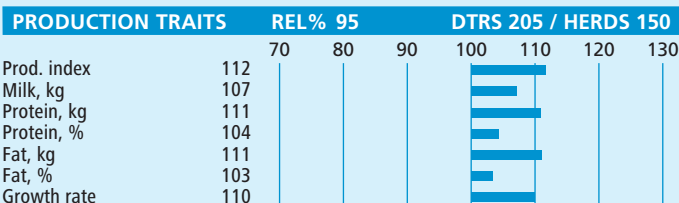
Dam average, 3 lactations

Milk kg **10236**
Fat % **3.7**
Fat kg **376**
Prot % **3.3**
Prot kg **335**

CALVING EASE GUIDE

Rel 82%	Easy	Average	Harder
Cows / 413*	●		
Heifers / 124*	●		

*Number of observations



TOTAL

Frame 109 Feet & Legs 90 Udder 104 Milking speed 96 average Temperament 104 average

TYPE PROOF DTRS 89 / HERDS 67

Stature	110	Fore udder	100
Angularity	92	Rear udder height	97
Chest width	113	Rear udder width	109
Body depth	103	Suspensory ligam.	102
Rump width	106	Udder depth	102
Rump angle	100	Udder balance	102
Top line	103	Teat length	107
Legs side	105	Teat thickness	104
Legs rear view	96	Teat placem. front	90
Foot angle	95	Teat placem. rear	91

VH Fanta

Fibrax / Satsi / Hoppu

NEW!



- Powerful cows
- Exceptional daughter fertility
- Smaller birthweight, fast growing calves
- Very high semen fertility

NTM +22

+\$344 more profit

Nordic Breeding values feb 2016
100 = Breed average

77%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$28.00 + GST

1+1 DEAL

Herdbook **FINLAND 95453**

Date of birth **26-11-2009**

Bull ID **VIKHFANTA**

Nasis ID **91FF03**

PRODUCTION

Daughter average, 1st lactation, 305 days

Milk kg **8419**
Fat % **4.0**
Fat kg **340**
Prot % **3.4**
Prot kg **289**

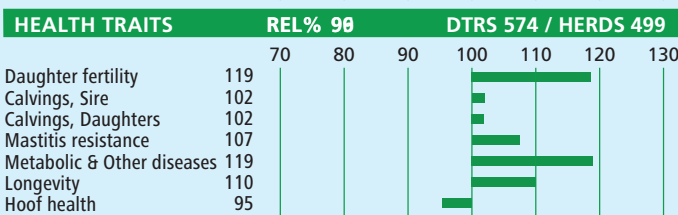
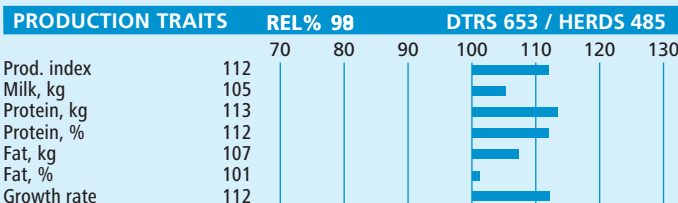
Dam average, 5 lactations

Milk kg **13056**
Fat % **4.4**
Fat kg **578**
Prot % **3.3**
Prot kg **335**

CALVING EASE GUIDE

Rel 93%	Easy	Average	Harder
Cows / 823*	●		
Heifers / 618*	●		

*Number of observations



TOTAL

Frame 99 Feet & Legs 97 Udder 105 Milking speed 96 average Temperament 101 average

TYPE PROOF DTRS 282 / HERDS 197

Stature	90	Fore udder	110
Angularity	95	Rear udder height	101
Chest width	107	Rear udder width	97
Body depth	97	Suspensory ligam.	94
Rump width	113	Udder depth	103
Rump angle	106	Udder balance	105
Top line	95	Teat length	102
Legs side	114	Teat thickness	99
Legs rear view	115	Teat placem. front	109
Foot angle	95	Teat placem. rear	102

Proven

VH Oyvind

O-Man / V Exces / RGK Bob

- Very strong component sire
- Elite sire for hoof health in the Holstein breed
- Ideal udder balance tilting slightly to the rear

NTM +20
+\$313 more profit

Nordic Breeding values feb 2016
100 = Breed average



69% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 252791

Date of birth
06-08-2008

Bull ID
VIKHOYVIND

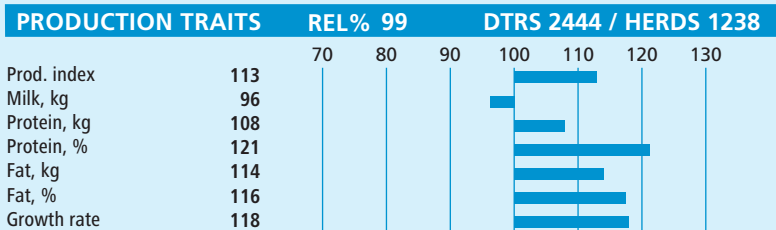
Nasis ID
89FFE06

**1+1
DEAL**

**RRP
\$26.00
+ GST**



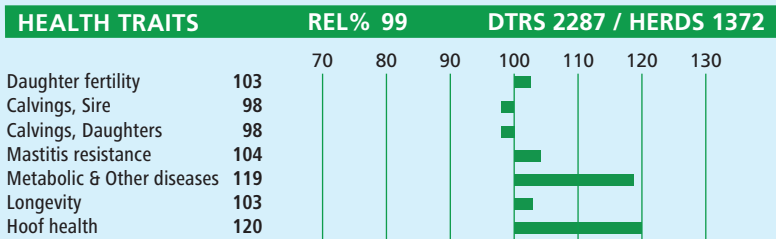
**VIKING
HOLSTEIN^R**



PRODUCTION

Dam average
42423-2342
5 lact
9720 kg
4.67 % F / 454 kg F
3.55 % P / 345 Kg P

Daughter average,
1st lactation, 305 days
Milk kg **8476**
Fat % **4.21**
Fat kg **357**
Prot % **3.49**
Prot kg **349**



ABV(i) – APRIL 2016

BPI	245	F kg	24
HWI	172	F %	0.53
TWI	206	ASI	164
Milk, L	-294	SCC	144
P kg	13	Fertility	109
P %	0.4		

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
106	115	104	105 average	107 calm

CALVING EASE GUIDE

Rel 98%	Easy	Average	Harder
Cows / 7370*	●		
Heifers / 2626*	●		

*Number of observations

TYPE PROOF DTRS 1236 / HERDS 657

Stature	102	Fore udder	106
Angularity	86	Rear udder height	95
Chest width	115	Rear udder width	106
Body depth	104	Suspensory ligam.	94
Rump width	108	Udder depth	101
Rump angle	105	Udder balance	86
Top line	102	Teat length	95
Legs side	96	Teat thickness	103
Legs rear view	116	Teat placem. front	108
Foot angle	112	Teat placem. rear	104

VIKINGGENETICS^R



Proven A2/A2

VH Rudolf

Rakuuna / Ramos / Trent

- Outcross lines, son of the popular sire Rakuuna
- Longevity sire with good production and strong health profile.
- Medium framed cows with lovely udders and longer teats.



NTM +15

+\$235 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

RRP \$25.00 + GST

1+1 DEAL

Herdbook **FINLAND 95209**

Date of birth **14-04-2009**

Bull ID **VIKHRUDOLF**

Nasis ID **91FFF01**

PRODUCTION

Dam average

523 Uvi
4 lact
11,477 kg
4.0 % F / 463 kg F
3.2 % P / 371 kg P

Daughter average, 1st lactation, 305 days

Milk kg 8494
Fat % 4.1
Fat kg 351
Prot % 3.4
Prot kg 286

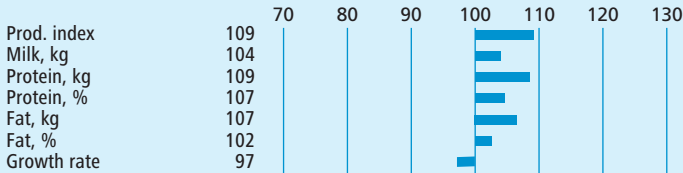
CALVING EASE GUIDE

Rel 97%	Easy	Average	Harder
Cows / 2920*	●		
Heifers / 1925*		●	

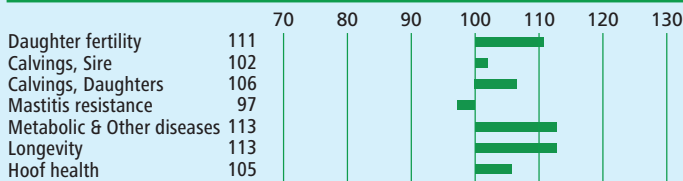
*Number of observations

GESTATION LENGTH -2.44 days

PRODUCTION TRAITS REL% 99 DTRS 3798 / HERDS 2257



HEALTH TRAITS REL% 99 DTRS 3710 / HERDS 2420



TOTAL

Frame 100 Feet & Legs 99 Udder 103 Milking speed 104 average Temperament 107 calm

TYPE PROOF DTRS 1564 / HERDS 927

Stature	97	Fore udder	100
Angularity	101	Rear udder height	108
Chest width	101	Rear udder width	105
Body depth	99	Suspensory ligam.	102
Rump width	105	Udder depth	102
Rump angle	87	Udder balance	113
Top line	84	Teat length	103
Legs side	107	Teat thickness	108
Legs rear view	106	Teat placem. front	98
Foot angle	99	Teat placem. rear	95

Proven A2/A2

VH Miracle

Massey / Roumare / Calano

- Very popular well rounded sire
- Increased in most health traits with 5300 daughters
- Good scores for daughter fertility in Australia



NTM +18

+\$282 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

1+1 DEAL

SEXED SEMEN \$50.00 + GST

RRP \$24.00 + GST

Herdbook **DENMARK 254418**

Date of birth **23-09-2010**

Bull ID **VH MIRACLE**

Nasis ID **89FFG03**

PRODUCTION

Dam average

33723-3884
3 lact
14709 kg
4.36 % F / 642 kg F
3.64 % P / 535 kg P

ABV(j) – APRIL 2016

BPI	232	F kg	5
HWI	217	F %	-0.09
TWI	248	ASI	92
Milk, L	252	SCC	144
P kg	16	Fertility	107
P %	0.17		

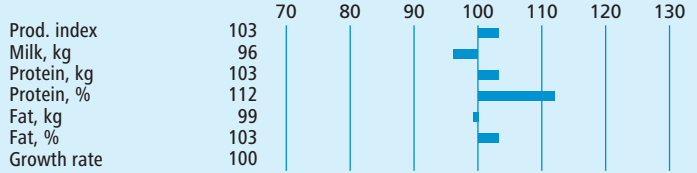
CALVING EASE GUIDE

Rel 99%	Easy	Average	Harder
Cows / 27949*	●		
Heifers / 24196*		●	

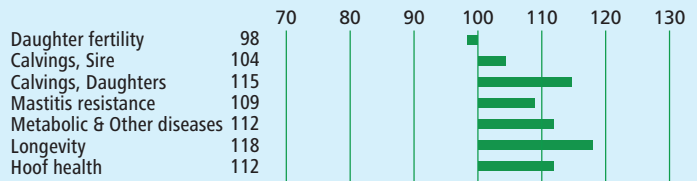
*Number of observations

GESTATION LENGTH +0.58 days

PRODUCTION TRAITS REL% 99 DTRS 5300 / HERDS 2055



HEALTH TRAITS REL% 99 DTRS 2567 / HERD 2107



TOTAL

Frame 98 Feet & Legs 95 Udder 117 Milking speed 120 very fast Temperament 108 calm

TYPE PROOF DTRS 1704 / HERDS 730

Stature	100	Fore udder	113
Angularity	100	Rear udder height	109
Chest width	104	Rear udder width	105
Body depth	93	Suspensory ligam.	105
Rump width	94	Udder depth	118
Rump angle	97	Udder balance	106
Top line	101	Teat length	105
Legs side	83	Teat thickness	95
Legs rear view	99	Teat placem. front	116
Foot angle	91	Teat placem. rear	113

Proven A2/A2

NEW!

VH Mandel

Man-O-Man / RGK Didrik / V Bojer

- Taller, angular cows
- Very high component sire
- Excellent health traits



NTM +19

+\$298 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

RRP \$25.00 + GST

1+1 DEAL

Herdbook **DENMARK 254168**

Date of birth **22-04-2010**

Bull ID **VIKMANDEL**

Nasis ID **89FFG05**

PRODUCTION

Dam average

33723-2726; 3 lact
13635 kg
4.25% F / 579 kg F
3.41% P / 465 kg P

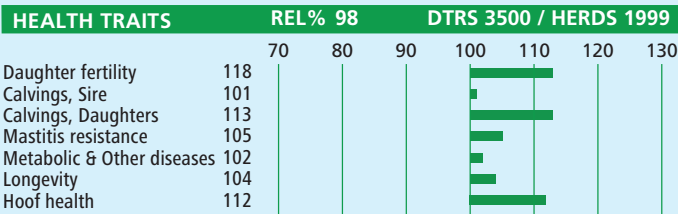
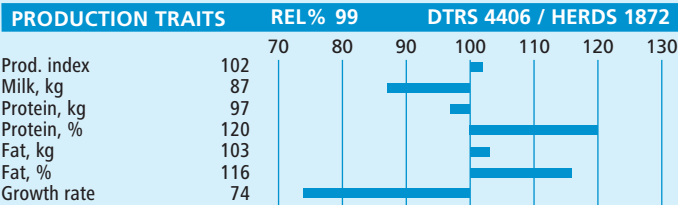
Daughter average, 1st lactation, 305 days

Milk kg **8615**
Fat % **4.1**
Fat kg **353**
Prot % **3.48**
Prot kg **300**

CALVING EASE GUIDE

Rel 99%	Easy	Average	Harder
Cows / 20676*		●	
Heifers / 16099*		●	

*Number of observations



TOTAL

Frame 114 Feet & Legs 93 Udder 128 Milking speed 114 fast Temperament 102 average

TYPE PROOF DTRS 1928 / HERDS 360

Stature	135	Fore udder	106
Angularity	120	Rear udder height	116
Chest width	91	Rear udder width	108
Body depth	94	Suspensory ligam.	112
Rump width	99	Udder depth	136
Rump angle	114	Udder balance	94
Top line	116	Teat length	94
Legs side	105	Teat thickness	82
Legs rear view	74	Teat placem. front	110
Foot angle	101	Teat placem. rear	111

Proven

VH Osmus

D Onside / V Exces / A Ford



NTM +21

+\$329 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

RRP \$22.00 + GST

1+1 DEAL

Herdbook **DENMARK 253548**

Date of birth **27-07-2009**

Bull ID **VIKHOSMUS**

Nasis ID **89FFF06**

PRODUCTION

Dam average

47806-198; 4 lact
11994 kg
4.26% F / 511 kg F
3.57% P / 428 kg P

Daughter average, 1st lactation, 305 days

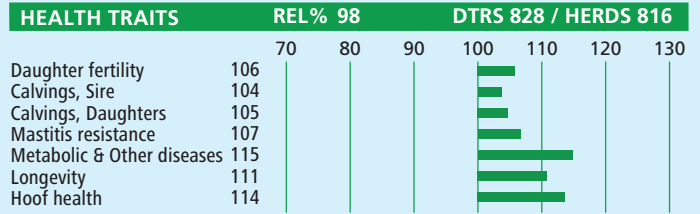
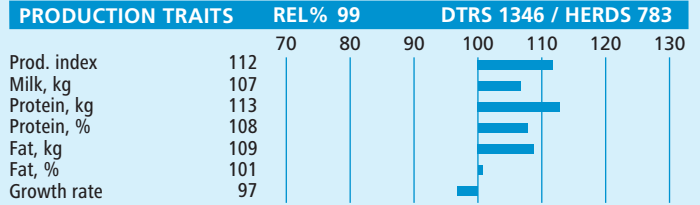
Milk kg **9204**
Fat % **3.9**
Fat kg **359**
Prot % **3.42**
Prot kg **315**

CALVING EASE GUIDE

Rel 99%	Easy	Average	Harder
Cows / 4877*	●		
Heifers / 3309*	●		

*Number of observations

GESTATION LENGTH -2.66 days



TOTAL

Frame 77 Feet & Legs 103 Udder 115 Milking speed 83 protect Temperament 101 average

TYPE PROOF DTRS 520 / HERDS 320

Stature	81	Fore udder	112
Angularity	95	Rear udder height	104
Chest width	88	Rear udder width	96
Body depth	85	Suspensory ligam.	107
Rump width	83	Udder depth	108
Rump angle	94	Udder balance	97
Top line	88	Teat length	116
Legs side	100	Teat thickness	103
Legs rear view	96	Teat placem. front	108
Foot angle	92	Teat placem. rear	104

Proven A2/A2

S Ross

Chassee / T Funkis / Häradsköp

- High farmer satisfaction
- One of the worlds greatest daughter fertility sires
- 24000 daughters in his proof!



NTM +12

+\$188 more profit

Nordic Breeding values feb 2016
100 = Breed average

69%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$18.00
+ GST

PRODUCTION

Daughter average, 1st lactation, 305 days

Milk kg **8625**
Fat % **4.1**
Fat kg **358**
Prot % **299**
Prot kg **3.5**

ABV(i) – APRIL 2016

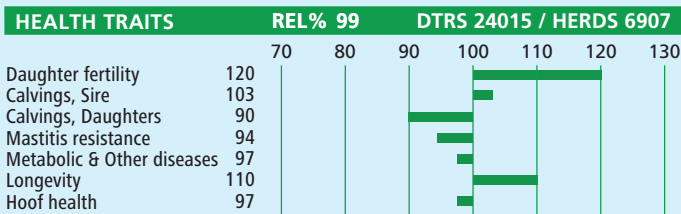
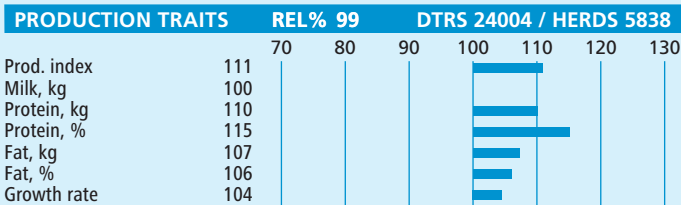
BPI **146** F kg **1**
HWI **152** F % **0.02**
TWI **125** ASI **53**
Milk, L **-5** SCC **92**
P kg **7** Fertility **108**
P % **0.14**

CALVING EASE GUIDE

Rel 99%	Easy	Average	Harder
Cows / 15936*	●		
Heifers / 9049*		●	

*Number of observations

GESTATION LENGTH -2.15 days



TOTAL

Frame 86 Feet & Legs 94 Udder 104 Milking speed 100 average Temperament 103 average

TYPE PROOF DTRS 10776 / HERDS 2486

Stature	100	Fore udder	99
Angularity	101	Rear udder height	109
Chest width	86	Rear udder width	115
Body depth	73	Suspensory ligam.	99
Rump width	99	Udder depth	105
Rump angle	110	Udder balance	88
Top line	106	Teat length	100
Legs side	91	Teat thickness	101
Legs rear view	89	Teat placem. front	115
Foot angle	113	Teat placem. rear	116

Proven A2/A2

VH Strong

Stol Joc / O-Man / Aaron

- Lovely black sire that puts a lot of strength into the cows frame
- Excellent protein production

73%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$12.00
+ GST

ABV(i)

BPI	HWI	TWI
198	126	172

PRODUCTION

ASI	kgP	p%	Milk	kgF	F%	Rel%
162	25	0.25	445	18	-0.01	83

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
127	105	107	103

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
100	102	102	77

TYPE

Overall type	Mammary system	Rel%
102	101	74



Herdbook **DENMARK 253208**

Date of birth **25-02-2009**

Bull ID **VIKSTRONG**

Nasis ID **89FFF02**

Proven

VH Mogens

Mascol / Oman / T Funkis

- A great blend price bull for maiden heifer matings
- High production with good udders

72%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$14.00
+ GST

ABV(i)

BPI	HWI	TWI
235	172	229

PRODUCTION

ASI	kgP	p%	Milk	kgF	F%	Rel%
172	25	0,25	441	24	0,08	82

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
148	104	101	103

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
101	100	101	77

TYPE

Overall type	Mammary system	Rel%
104	99	73



Herdbook **DENMARK 252020**

Date of birth **19-08-2007**

Bull ID **VIKVHMOGENS**

Nasis ID **89FFD03**

Proven A2/A2

VH Bento

D Banker X Oman Justi X T Funkis

- Great allround sire that gives a boost to components
- Excellent semen fertility
- Excellent udder conformation

 **74%**

Non Return Rate (NRR) after day 56 from 1st service

RRP \$18.00
+ GST



Herdbook **DENMARK 252951**

Date of birth **26-10-2008**

Bull ID **VIKBENTO**

Nasis ID **89FFE04**

ABV(i)

BPI	HWI	TWI
188	134	206

PRODUCTION

ASI	kgP	p%	Milk	kgF	F%	Rel%
124	9	0.30	-256	20	0.45	80

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
121	105	104	101

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
102	101	102	68

TYPE

Overall type	Mammary system	Rel%
108	106	72

Proven A2/A2

D Limbo

Lancelot / T Funkis / E Celcius

- Aussie farmers love milking D Limbo daughters
- Very good feet & legs and hoof health

 **65%**

Non Return Rate (NRR) after day 56 from 1st service

RRP \$14.00
+ GST



Herdbook **DENMARK 248700**

Date of birth **18-04-2004**

Bull ID **VIKLIMBO**

Nasis ID **89FFA01**

ABV(i)

BPI	HWI	TWI
224	198	175

PRODUCTION

ASI	kgP	p%	Milk	kgF	F%	Rel%
141	18	0.13	400	33	0.23	83

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
91	103	104	103

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
104	100	99	71

TYPE

Overall type	Mammary system	Rel%
97	96	76

Proven

D Sol

Shottle / T Funkis / VE Otto

- Australian farmers just love them
- Great longevity due to his impressive health trait
- Premium sire for heifer matings

 **72%**

Non Return Rate (NRR) after day 56 from 1st service

RRP \$20.00
+ GST
SEXED SEMEN \$50.00
+ GST



Herdbook **DENMARK 250354**

Date of birth **05-12-2005**

Bull ID **VIKSOL**

Nasis ID **89FFB03**

ABV

BPI	HWI	TWI
166	144	144

PRODUCTION 522 DTRS / 68 HERDS

ASI	kgP	p%	Milk	kgF	F%	Rel%
48	5	0.11	-40	7	0.12	97

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
131	107	106	103

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
100	101	100	93

TYPE

Overall type	Mammary system	Rel%
99	96	72

Proven

D Ole

Oman / Jocko Besn / NJY Hubert

- A must use sire to blend price
- Over 17000 daughters shows high farmer satisfaction in Scandinavia
- Very nice looking cows with great udders

 **72%**

Non Return Rate (NRR) after day 56 from 1st service

RRP \$12.00
+ GST



Herdbook **DENMARK 258715**

Date of birth **13-07-2004**

Bull ID **VIKOLE**

Nasis ID **89FFA05**

ABV(i)

BPI	HWI	TWI
160	115	173

PRODUCTION

ASI	kgP	p%	Milk	kgF	F%	Rel%
87	19	0.04	623	10	-0.23	83

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Calving ease
141	106	103	101

WORKABILITY

Milking Speed	Temperament	Likeability	Rel%
101	100	100	79

TYPE

Overall type	Mammary system	Rel%
106	101	76



VIKINGRED[®]



- Highest ranking Red population in the world
- #1 for udder health • Highest producing Red breed
- Hoof health • Fertility • Strongest genomic Red program • #1 choice for crossbreeding



Great Genomic deal!

Purchase 50+ units of any genomic sires from our 2016 team and you get **\$2 off RRP** on those sires

Purchase 100+ units of any genomic sires from our 2016 team you get **\$4 off RRP** on those sires

1+1 deal!

Purchase 50 units of any genomic sire from our 2016 team and **50 units** of any proven sire above \$20 RRP and you get **\$2 off the RRP** on those sires

Purchase 100 units genomic sires from our 2016 team and **100 units** of any proven sire above \$20 RRP and you get **\$4 off the RRP** on those sires

Viking Red Top3 – make your choice!

NTM	
VR HJUSTICIA	+33
VR FONSECA	+31
VR CAPRI	+28

MASTITIS RESISTANCE	
R BANGKOK	+120
VR BORAT	+114
VR HJUSTICIA	+112

UDDERS	
VR UUDIN	+122
R FACET	+119
VR HJUSTICIA	+116

PRODUCTION	
VR FONSECA	+122
G EDBO	+120
ASMO ANDREI	+120

METABOLIC, FERTILITY, FEET & LEG DISORDERS	
VR FABER	+118
VR BORAT	+116
VR HJUSTICIA	+110

FEET AND LEGS	
R FASTRUP	+127
VR HJUSTICIA	+116
R HASLEV	+116

DTR FERTILITY	
VR BORAT	+116
V FOSKE	+114
VR FABER	+111

HOOF HEALTH	
R HASLEV	+126
R FACET	+113
VR DONATO	+111

TEMPERAMENT	
G EDBO	+120
R HARVARD	+113
V FOSKE	+112

CALVING EASE	
VR DONATO	+118
VR FABER	+104
VR HAMBO	+103

LONGEVITY	
V FOSKE	+120
VR BORAT	+118
VR FONSECA	+117

MILKING SPEED	
G EDBO	+132
VR CAPRI	+121
VR HJUSTICIA	+115

Strong breeding programmes

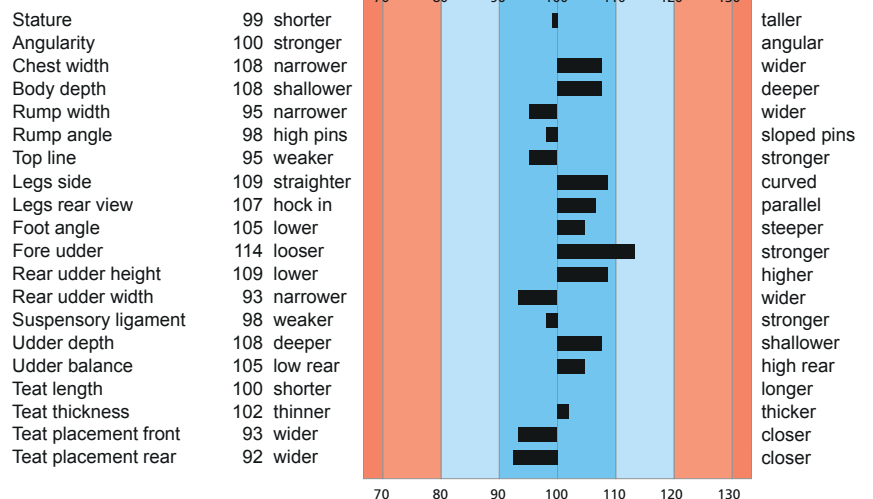
VikingRed (Finnish Ayrshire, Swedish Red and Danish RDM) are world leaders among the red breeds and Viking's bulls range high in the international top-lists. The breeding goal is economic, healthy and fertile cows with easy calvings, high production and functional conformation. Viking-Red has a low level of inbreeding compared to other dairy breeds.

No. of Cows	273000
Milk, kg	8809
Fat, kg	379
Fat, %	4.30
Protein, kg	307
Protein, %	3.49

Production figures are weighed values from Denmark, Sweden and Finland, 365 days milk recording 2013/2014.

Balanced Breeding

The most profitable cow for all breeds is your medium sized cow. Selecting sires that leave traits to the left and right of 100 is essential for a balanced programme to avoid extremes. Almost 70% of the female population is in the blue zone between 90-110. Changes within this zone are very minimal either way. One standard deviation is 10 points, so this sire is basically keeping the population constant apart from strengthening fore udder which is above average. This is a very good sire to maintain your medium sized cow with good functional type.



VR Hjusticia **NEW!**

VR Hammer / Vret / Gunnarstorp



gNTM +33
+\$516 more profit

Nordic Breeding values feb 2016
 100 = Breed average



70% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
SWEDEN 99790

Date of birth
24-06-2014

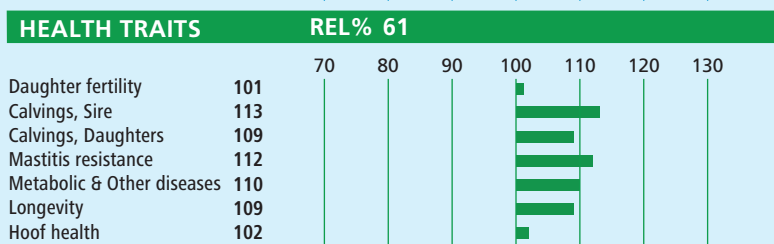
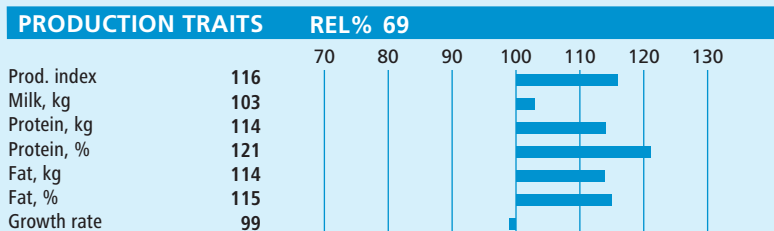
Bull ID
VRHJUSTICA

Nasis ID
87UUL08

**1+1
 DEAL**

**RRP
 \$26.00
 + GST**

**SEXED
 SEMEN
 \$50.00
 + GST**



PRODUCTION

Dam average,
 3 lactations
 Milk kg **9915**
 Fat % **4.8**
 Fat kg **480**
 Prot % **4.1**
 Prot kg **402**

- New sirelines for Aussie farmers
- Perfect for those who want the smaller high profit cow
- Exceptional udder conformation
- Premium milking speed and temperament

TOTAL

Frame 98 Feet & Legs 116 Udder 116 Milking speed 115 fast Temperament 110 calm

TYPE PROOF

Stature	100	Fore udder	111
Angularity	97	Rear udder height	108
Chest width	94	Rear udder width	105
Body depth	89	Suspensory ligam.	119
Rump width	96	Udder depth	116
Rump angle	94	Udder balance	114
Top line	91	Teat length	97
Legs side	107	Teat thickness	101
Legs rear view	108	Teat placem. front	116
Foot angle	101	Teat placem. rear	117

VR Hjusticia remained the number 1 sire in VikingRed with NTM +33. This VR Hammer son was born at Karl-Gustav Karlsson, Sweden. There is a special story behind the name of the bull. The breeder had a long process with authorities to get justice to himself and therefore wanted to name the bull like this.

The dam of VR Hjusticia is a tall cow, 150 cm, with excellent udder and high production of 11577 kg ECM. The grand dam is still in the herd and has an average production of almost 11000 kg ECM.

VR Hjusticia is a calving ease sire with very good health and functional traits. He is also on top in feet & legs as well as in udder conformation. He is available sexed in Australia, perfect for maiden heifer matings. Hjusticia is also a great component lifter and positive milk sire who will leave a medium to slightly smaller framed, hard working cow.

The number 1 sire

VR Fonseca **NEW!**

VR Favre / A Linne / R Alfa



gNTM +31
+\$485 more profit

Nordic Breeding values feb 2016
 100 = Breed average



65% Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 37640**

Date of birth **23-05-2014**

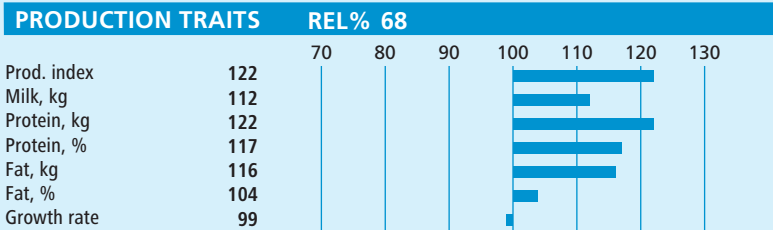
Bull ID **VIKRFONSECA**

Nasis ID **89UUL01**

1+1 DEAL

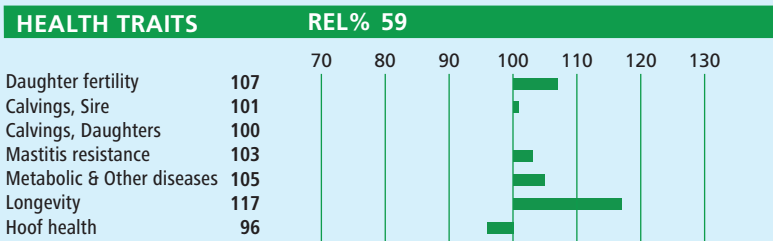
RRP \$26.00 + GST

SEXED SEMEN \$50.00 + GST



PRODUCTION

Dam average, 1 lactation
 Milk kg **9169**
 Fat % **4.6**
 Fat kg **422**
 Prot % **3.7**
 Prot kg **342**



- Beautiful deep red bull
- Production performer; milk and components
- Very good udders with longer teats
- Suit those looking for the larger frame cow

TOTAL

Frame 115 Feet & Legs 93 Udder 114 Milking speed 114 fast Temperament 107 calm

TYPE PROOF

Stature	122	Fore udder	113
Angularity	106	Rear udder height	112
Chest width	114	Rear udder width	111
Body depth	109	Suspensory ligam.	101
Rump width	117	Udder depth	112
Rump angle	105	Udder balance	102
Top line	99	Teat length	104
Legs side	97	Teat thickness	101
Legs rear view	109	Teat placem. front	101
Foot angle	103	Teat placem. rear	99



VR Fonseca is the best of many sons of VR Favre that VikingGenetics owns, having gNTM +31 at the moment. VR Fonseca comes out of an A Linné cow whose dam is also the dam of VR Cigar.

The cow was flushed three times and gave several good bulls and heifers of which we can mention the full brother, VR Fontain, out of the same flush and also half brother VR Hilbert, one of the up-to-date sires of sons in the VikingRed breeding scheme. The dam of Fonseca was classified VG85 and had especially high components.

VR Fonseca is a great production sire with high components. He gives good functional traits, strong body and very good udder. Fonseca will be perfect for those looking for the larger framed Red cow. He comes from Søren Røndbjerg, Denmark.

VR Capri

VR Cigar / Hallom / N. Ooppium

NEW!



gNTM +28
+\$438 more profit

Nordic Breeding values feb 2016
 100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook
FINLAND 46898

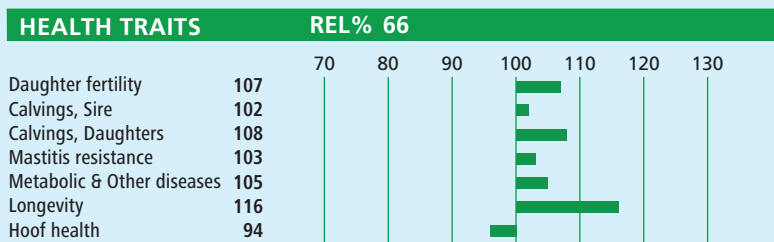
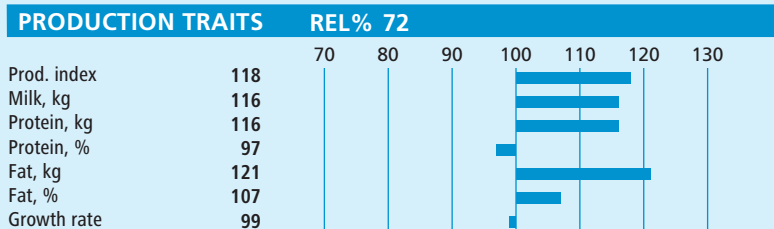
Date of birth
26-02-2013

Bull ID
VIKRCAPRI

Nasis ID
91UUK05

**1+1
 DEAL**

**RRP
 \$26.00
 + GST**



PRODUCTION

Dam average,
 1 lactation
 Milk kg **8184**
 Fat % **4.2**
 Fat kg **341**
 Prot % **3.8**
 Prot kg **307**

- Dark Red son of the popular sire VR Cigar
- High production with a good health profile
- Improves fore udder attachment and brings front teats in

TOTAL

Frame 108 Feet & Legs 105 Udder 107 Milking speed 121 very fast Temperament 102 average

TYPE PROOF

Stature	109	Fore udder	116
Angularity	104	Rear udder height	105
Chest width	101	Rear udder width	110
Body depth	101	Suspensory ligam.	103
Rump width	116	Udder depth	104
Rump angle	85	Udder balance	90
Top line	93	Teat length	89
Legs side	93	Teat thickness	91
Legs rear view	105	Teat placem. front	126
Foot angle	105	Teat placem. rear	113

**Production,
 longevity &
 milking
 speed**

VR Capri, born 2013, is a VR Cigar son out of a Hällom dam. He was not very high ranking at the time when Cigar sons were on podium but he has slowly been climbing up and ranks no. 1 at the moment. His dam was a high component cow with a 3.8% protein.

Maternal grand-dam is an Ooppium daughter still in milk having more than 60000 kg lifetime yield. Capri's strengths are production, longevity and fast milking speed. Capri will breed medium framed cows with wider pins, superb fore udder attachment and front teat placement. He was born at Harri and Leena Liukkunen, Finland.

VR Fritz

VR Falcon / S Valpas / Gunnarstorp

NEW!



VR Falcon (sire of VR Fritz)

gNTM +24
+\$375 more profit

Nordic Breeding values feb 2016
100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook **SWEDEN 99804**

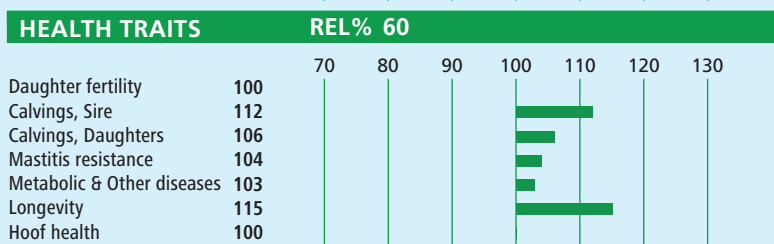
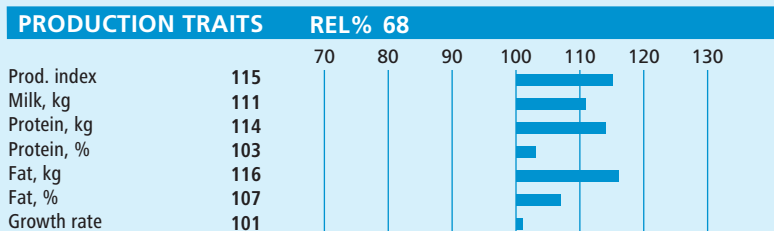
Date of birth **14-08-2014**

Bull ID **VIKRFRITZ**

Nasis ID **87UUL09**

1+1 DEAL

RRP \$26.00 + GST



PRODUCTION

Dam average, 1 lactation

Milk kg	8974
Fat %	4.8
Fat kg	430
Prot %	3.6
Prot kg	320

- A very well rounded sire
- Milk & Components
- Good health and nice feet and legs
- Very good udder conformation with longer thicker teats
- Maintains the medium framed cow with some extra rump width

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
99	111	111	105 average	99 average

TYPE PROOF

Stature	100	Fore udder	106
Angularity	106	Rear udder height	110
Chest width	96	Rear udder width	113
Body depth	95	Suspensory ligam.	97
Rump width	112	Udder depth	107
Rump angle	105	Udder balance	106
Top line	109	Teat length	107
Legs side	105	Teat thickness	101
Legs rear view	102	Teat placem. front	112
Foot angle	104	Teat placem. rear	102



VR Fritz comes from the agricultural school at Nytorp, Sweden. His ancestor was bought to the herd when the school started in 1946. The dam, 456 Inga, a Valpas cow, has now had two calves and has produced annually 9637 kg ECM with very low somatic cell counts for every test.

She has started her second lactation with high production, over 40 kg ECM at her first three tests. Her conformation is VG85. The MGD had three calves and produced 10270 kg ECM. The GMGD also had three calves and she produced an average of 11330 kg ECM.

VR Fritz breeds medium framed cows with very nice rumps. He is a very easy bull to use as his feet and legs, udders, production and health traits are all at a high level. Fritz also has a very strong sire stack behind him of top proven sires.

VR Borat

VR Brick / VR Alavire / Turandot

NEW!



gNTM +28
+\$438 more profit

Nordic Breeding values feb 2016
100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook **FINLAND 47332**

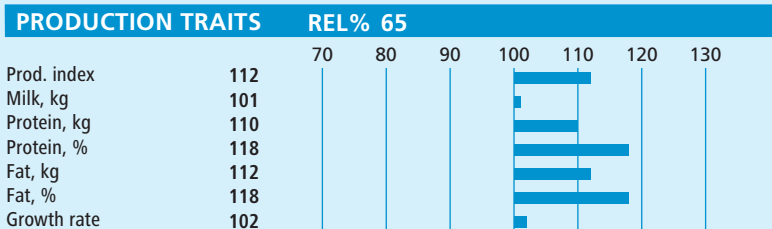
Date of birth **25-08-2014**

Bull ID **VIKRBORAT**

Nasis ID **91UUL03**

1+1 DEAL

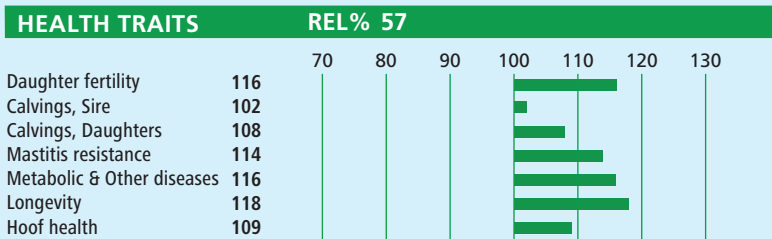
RRP \$26.00 + GST



PRODUCTION

Dam average, 1 lactation

Milk kg **9318**
Fat % **5.1**
Fat kg **473**
Prot % **3.5**
Prot kg **328**



- Very high profit young sire with impressive production and health traits
- Medium size cows with strong frames
- Nice udder conformation with strong fore attachment

TOTAL

Frame 103 Feet & Legs 105 Udder 106 Milking speed 103 average Temperament 98 average

TYPE PROOF

Stature	103	Fore udder	113
Angularity	96	Rear udder height	94
Chest width	111	Rear udder width	94
Body depth	103	Suspensory ligam.	103
Rump width	97	Udder depth	105
Rump angle	107	Udder balance	96
Top line	103	Teat length	98
Legs side	108	Teat thickness	104
Legs rear view	109	Teat placem. front	103
Foot angle	101	Teat placem. rear	105



VR Borat is a real Viking with his health profile being on top in female fertility as well. His udder health is 116, other diseases 115 and hoof health 109. He also breeds excellent longevity.

The dam is a nice first calver classified 82 for feet & legs and 82 for udder and making a high first production year also. Borat will leave a similar framed cow to V Foske and has a well balanced production profile of milk with positive components. Another great all round sire with some different sire lines.

The breeder is Matti Hakala, Finland.

Genomic

VR Faber

VR Freak / G Edbo / R David

- Calving ease sire, use on maiden heifers
- Medium size cows with nice capacity
- Very nice health and production traits to drive profit



gNTM +22

+\$344 more profit

Nordic Breeding values feb 2016
100 = Breed average

66%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$18.00
+ GST

Herdbook
DENMARK 37468

Date of birth
12-04-2013

Bull ID
VIKRFABER

Nasis ID
89UUK04



PRODUCTION

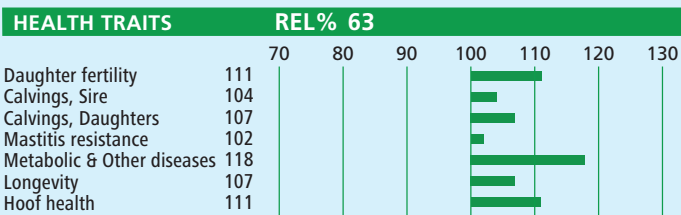
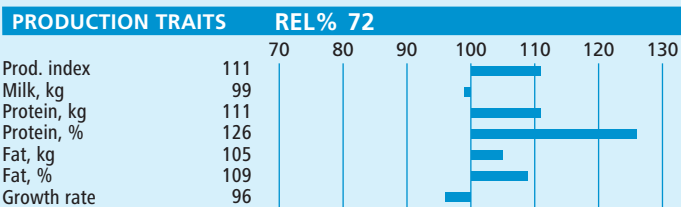
Dam average
1 lact
8932 kg
4.7% fat
419 kg fat
3.8% prot
339 kg prot

CALVING EASE GUIDE

Rel 87%	Easy	Average	Harder
Cows / 649*	●		
Heifers / 401*	●		

*Number of observations

GESTATION LENGTH -1.19 days



TOTAL

Frame 104 Feet & Legs 107 Udder 101 Milking speed 117 very fast Temperament 107 calm

TYPE PROOF

Stature	101	Fore udder	108
Angularity	100	Rear udder height	110
Chest width	93	Rear udder width	105
Body depth	108	Suspensory ligam.	102
Rump width	102	Udder depth	104
Rump angle	93	Udder balance	104
Top line	104	Teat length	84
Legs side	96	Teat thickness	94
Legs rear view	101	Teat placem. front	111
Foot angle	97	Teat placem. rear	110

Genomic A2/A2

VR Uudin

Ullimulli / Ooppium / Life

- Very popular sire that leaves very strong calves with excellent growth rates
- Superb udder conformation with longer and thicker teats
- Outcross lines for most red cows in Australia



gNTM +21

+\$328 more profit

Nordic Breeding values feb 2016
100 = Breed average

69%
Non Return Rate (NRR) after day 56 from 1st service

RRP \$18.00
+ GST

Herdbook
FINLAND 46301

Date of birth
21-09-2011

Bull ID
VIKRUUDIN

Nasis ID
91UUH07



PRODUCTION

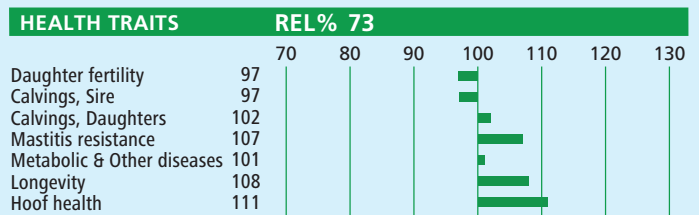
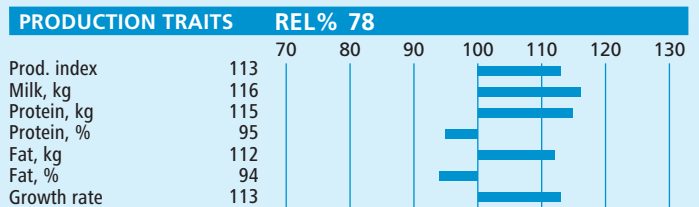
Dam average
4 lact
12498 kg
4.3 % fat
537 kg fat
3.3 % prot
412 kg prot

CALVING EASE GUIDE

Rel 98%	Easy	Average	Harder
Cows / 5286*		●	
Heifers / 3084*			●

*Number of observations

GESTATION LENGTH -0.2 days



TOTAL

Frame 104 Feet & Legs 87 Udder 122 Milking speed 97 average Temperament 100 average

TYPE PROOF

Stature	107	Fore udder	115
Angularity	98	Rear udder height	117
Chest width	103	Rear udder width	108
Body depth	98	Suspensory ligam.	112
Rump width	111	Udder depth	111
Rump angle	100	Udder balance	114
Top line	91	Teat length	108
Legs side	111	Teat thickness	117
Legs rear view	103	Teat placem. front	120
Foot angle	95	Teat placem. rear	120

Proven

Buckarby

O Brolin / Peterslund / Stensjo

- High reliability proven sire with 6349 daughters
- Superb longevity sire, daughters built to last
- Good feet & legs, and increasing hoof health with more daughters

NTM +22
+\$344 more profit

Nordic Breeding values feb 2016
 100 = Breed average



61% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
SWEDEN 92671

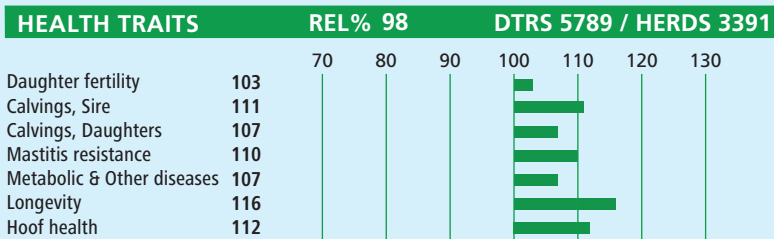
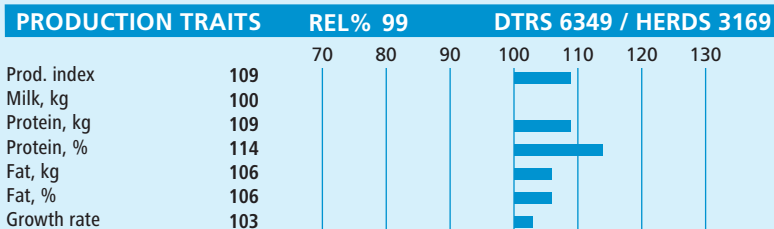
Date of birth
23-07-2006

Bull ID
VIKBUCKARBY

Nasis ID
87UUC05

**1+1
 DEAL**

**RRP
 \$28.00
 + GST**



PRODUCTION

Dam average, 1 lactation		Daughter average, 1 st lactation, 305 days	
Milk kg	8340	Milk kg	7502
Fat %	5.1	Fat %	4.5
Fat kg	477	Fat kg	334
Prot %	3.9	Prot %	3.6
Prot kg	364	Prot kg	273

ABV(i) – APRIL 2016

BPI	190	F kg	11
HWI	166	F %	0.11
TWI	193	ASI	91
Milk, L	88	SCC	104
P kg	12	Fertility	102
P %	0.17		

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
93	108	107	112 fast	98 average

CALVING EASE GUIDE

Rel 99%	Easy	Average	Harder
Cows / 17948*	●		
Heifers / 9978*	●		

*Number of observations

TYPE PROOF DTRS 2418 / HERDS 1409

Stature	95	Fore udder	117
Angularity	98	Rear udder height	103
Chest width	105	Rear udder width	94
Body depth	96	Suspensory ligam.	85
Rump width	81	Udder depth	110
Rump angle	105	Udder balance	96
Top line	107	Teat length	103
Legs side	110	Teat thickness	106
Legs rear view	118	Teat placem. front	84
Foot angle	98	Teat placem. rear	83

GESTATION LENGTH -1.03 days



Proven

VR Donato

R David / R Admiral / Vest Andy

- Suitable to use on maiden heifers for calving ease
- Super udder conformation with longer teats
- Excellent feet&legs, excelling in depth of heel



**1+1
DEAL**

**RRP
\$26.00
+ GST**

**SEXED
SEMEN
\$50.00
+ GST**



HF 20%
NTM +21
+\$328 more profit

Nordic Breeding values feb 2016
100 = Breed average



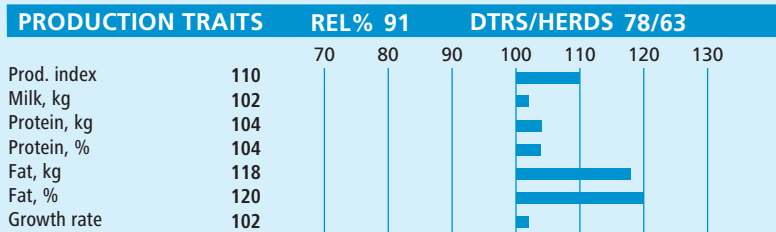
69% Non Return Rate (NRR) after day 56 from 1st service

Herdbook
DENMARK 36927

Date of birth
04-05-2009

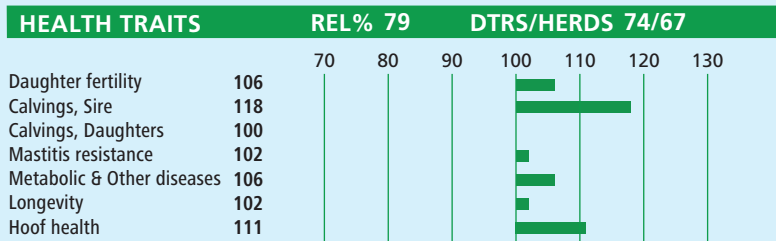
Bull ID
VIKRDONATO

Nasis ID
89UUF08



PRODUCTION

Dam average, 3 lactations		Daughter average, 1 st lactation, 305 days	
Milk kg	8344	Milk kg	7810
Fat %	4.75	Fat %	4.5
Fat kg	397	Fat kg	353
Prot %	3.57	Prot %	3.5
Prot kg	297	Prot kg	272



ABV(i) – APRIL 2016

BPI	165	F kg	26
HWI	139	F %	0.15
TWI	161	ASI	96
Milk, L	367	SCC	135
P kg	13	Fertility	105
P %	0.05		

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
98	113	112	97 average	106 calm

CALVING EASE GUIDE

Rel 66%	Easy	Average	Harder
Cows / 179*	●		
Heifers / 48*	●		

*Number of observations

TYPE PROOF DTRS/HERDS 58/50

Stature	100	Fore udder	111
Angularity	101	Rear udder height	108
Chest width	95	Rear udder width	118
Body depth	96	Suspensory ligam.	110
Rump width	93	Udder depth	106
Rump angle	84	Udder balance	111
Top line	92	Teat length	105
Legs side	90	Teat thickness	98
Legs rear view	99	Teat placem. front	111
Foot angle	117	Teat placem. rear	108



V Foske

Miqur / Gardo / Tunnus



SEXED SEMEN
\$60.00
+ GST

RRP
\$30.00
+ GST

1+1
DEAL



64%

Non Return Rate (NRR) after day 56 from 1st service

- Australian proven Supersire. No 1 BPI/HWI/TWI Sire
- Combines high production with good daughter fertility and survival
- Sets the bar at a high level for Red Genetics



Herdbook
SWEDEN 92483

Date of birth
2005-06-15

Bull ID
VFoske

Nasis ID
87UUB04

BPI | 287

HWI | 201

TWI | 286



PRODUCTION 347 DTRS / 40 HERDS ABV

ASI	kgP	P%	Milk	kgF	F%	Rel%
206	36	0,22	893	26	-0,17	98

WORKABILITY

Milking Speed	Temperament	Likeability
101	103	104

HEALTH TRAITS

Cell Count	Survival	Liveweight	Dtr Fertility	Feed Saved
100	108	108	105	-95

TYPE ABV

Overall Type	106	Pin Set	110
Mammary System	105	Foot Angle	105
Stature	104	Rear Leg Set	109
Udder Texture	108	Rear Leg Rear View	104
Bone Quality	98	Udder Depth	98
Angularity	109	Fore Attach	101
Muzzle Width	104	Rear Att Height	95
Body Length	108	Rear Att Width	100
Body Depth	109	Centre Ligament	108
Chest Width	111	Teat Place Front	116
Rump Length	116	Teat Place Rear	103
Pin Width	108	Teat Length	91
		Loin Strength	109



Australian proven 

R Fastrup

Orraryd / Stadel / OJY Ladby



1+1
DEAL

- Very sound feet&legs
- Long lasting cows
- Nice shallow udders

SEXED
SEMEN
\$40.00
+ GST

RRP
\$22.00
+ GST



Herdbook **DENMARK** Date of birth **2004-08-30** Bull ID **FASTRUP** Nasis ID **89UUA0236412**



Non Return Rate (NRR) after day 56 from 1st service

69%

HF 28%

BPI **132**

HWI **103**

TWI **133**



PRODUCTION 234 DTRS / 35 HERDS

ASI	kgP	p%	Milk	kgF	F%	Rel%
90	18	0.1	487	7	-0.2	97

WORKABILITY

Milking Speed	Temperament	Likeability
92	99	100

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
107	106	102	2

TYPE

Overall Type	103	Pin Set	93
Mammary System	101	Foot Angle	104
Stature	100	Rear Leg Set	90
Udder Texture	96	Rear Leg Rear View	102
Bone Quality	104	Udder Depth	106
Angularity	106	Fore Attach	101
Muzzle Width	97	Rear Att Height	102
Body Length	102	Rear Att Width	101
Body Depth	102	Centre Ligament	95
Chest Width	97	Teat Place Front	102
Rump Length	105	Teat Place Rear	97
Pin Width	95	Teat Length	98
		Loin Strength	96

Australian proven 

G Edbo

Botans / Abru / Hulan



1+1
DEAL

- Smaller hard working cows
- Fast milking cows with lovely temperament
- High workabilities, high farmer satisfaction

RRP
\$22.00
+ GST



Herdbook **SWEDEN** Date of birth **2003-10-11** Bull ID **GEDBO2263** Nasis ID **87UUZ0892263**



Non Return Rate (NRR) after day 56 from 1st service

68%

BPI **147**

HWI **153**

TWI **124**



PRODUCTION 154 DTRS / 22 HERDS

ASI	kgP	p%	Milk	kgF	F%	Rel%
50	8	0.19	-86	-6	-0.03	96

WORKABILITY

Milking Speed	Temperament	Likeability
105	102	102

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
53	104	101	162

TYPE

Overall Type	96	Pin Set	105
Mammary System	101	Foot Angle	93
Stature	92	Rear Leg Set	108
Udder Texture	101	Rear Leg Rear View	99
Bone Quality	106	Udder Depth	97
Angularity	103	Fore Attach	100
Muzzle Width	99	Rear Att Height	100
Body Length	100	Rear Att Width	98
Body Depth	98	Centre Ligament	101
Chest Width	90	Teat Place Front	104
Rump Length	96	Teat Place Rear	104
Pin Width	101	Teat Length	94
		Loin Strength	102

Australian proven 

VR Cigar

R Cirkel / R Alfa / Fyn Cent



1+1
DEAL

RRP
\$22.00
+ GST

- Good production sire
- Great mammary
- Excellent survival



Herdbook Date of birth Bull ID Nasis ID
DENMARK 2007-06-02 VIKCIGAR 89UUD02 36678



Non Return Rate (NRR) after day 56 from 1st service

69%

HF 21%

BPI 142

HWI 93

TWI 202



PRODUCTION 29 DTRS / 5 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
115	18	0.02	614	30	0.06	72

WORKABILITY

Milking Speed	Temperament	Likeability
104	99	102

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
90	107	96	-128

TYPE ABV(i)

Overall Type	105	Pin Set	105
Mammary System	112	Foot Angle	112
Stature	108	Rear Leg Set	108
Udder Texture	N/A	Rear Leg Rear View	N/A
Bone Quality	N/A	Udder Depth	N/A
Angularity	107	Fore Attach	107
Muzzle Width	N/A	Rear Att Height	N/A
Body Length	N/A	Rear Att Width	N/A
Body Depth	102	Centre Ligament	102
Chest Width	104	Teat Place Front	104
Rump Length	N/A	Teat Place Rear	N/A
Pin Width	111	Teat Length	111
		Loin Strength	96

Australian proven 

VR Fergus

R Facet / R David / Orraryd



1+1
DEAL

RRP
\$22.00
+ GST

- Good mastitis resistance
- Good survival
- Nice daughter fertility



Herdbook Date of birth Bull ID Nasis ID
DENMARK 2010-02-22 VIKFERGUS 89UUG03 37014



Non Return Rate (NRR) after day 56 from 1st service

64%

BPI 116

HWI 79

TWI 126



PRODUCTION 61 DTRS / 16 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
58	7	0.20	-118	-2	0.04	90

WORKABILITY

Milking Speed	Temperament	Likeability
100	100	98

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
148	107	102	-120

TYPE ABV(i)

Overall Type	102	Pin Set	103
Mammary System	103	Foot Angle	113
Stature	113	Rear Leg Set	89
Udder Texture	102	Rear Leg Rear View	99
Bone Quality	103	Udder Depth	113
Angularity	102	Fore Attach	103
Muzzle Width	106	Rear Att Height	101
Body Length	N/A	Rear Att Width	100
Body Depth	96	Centre Ligament	101
Chest Width	96	Teat Place Front	104
Rump Length	N/A	Teat Place Rear	105
Pin Width	108	Teat Length	99
		Loin Strength	101



R Bangkok

T Fjembe / Tor Bruno / Ojy Mabru



- An old favorite with nice type and udders
- No 1 for SCC
- High survival, long lasting cows

RRP
\$12.00
+ GST



Herdbook **DENMARK** Date of birth **30-10-2000** Bull ID **R BANGKOK** Nasis ID **89UUW03 35965**



Non Return Rate (NRR) after day 56 from 1st service

67%

HF 25%

BPI 93

HWI 84

TWI 136



PRODUCTION 225 DTRS / 25 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
-11	1	-0,11	245	4	-0,1	97

WORKABILITY

Milking Speed	Temperament	Likeability
97	103	102

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
166	106	103	-126

TYPE ABV

Overall Type	104	Pin Set	91
Mammary System	108	Foot Angle	109
Stature	103	Rear Leg Set	102
Udder Texture	104	Rear Leg Rear View	104
Bone Quality	98	Udder Depth	107
Angularity	102	Fore Attach	109
Muzzle Width	104	Rear Att Height	100
Body Length	106	Rear Att Width	102
Body Depth	110	Centre Ligament	108
Chest Width	107	Teat Place Front	105
Rump Length	97	Teat Place Rear	104
Pin Width	110	Teat Length	90
		Loin Strength	94

R Haslev

Orraryd / SYD Garant / Torpane



- High survival sire that improves overall type and mammary
- Health trait improver, good SCC and daughter fertility

RRP
\$12.00
+ GST



Herdbook **DENMARK** Date of birth **13-02-2006** Bull ID **VIKHASLEV** Nasis ID **89UUC01 36558**



Non Return Rate (NRR) after day 56 from 1st service

60%

BPI 118

HWI 111

TWI 107



PRODUCTION 51 DTRS / 9 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
32	5	0,04	118	4	0,04	72

WORKABILITY

Milking Speed	Temperament	Likeability
103	101	100

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
107	108	105	15

TYPE ABV(I)

Overall Type	102	Pin Set	99
Mammary System	103	Foot Angle	103
Stature	109	Rear Leg Set	105
Udder Texture	100	Rear Leg Rear View	105
Bone Quality	101	Udder Depth	118
Angularity	104	Fore Attach	98
Muzzle Width	100	Rear Att Height	103
Body Length	100	Rear Att Width	100
Body Depth	100	Centre Ligament	107
Chest Width	86	Teat Place Front	104
Rump Length	99	Teat Place Rear	101
Pin Width	100	Teat Length	102
		Loin Strength	95

R Facet

K Jerry X Vættergard X Øjy Ladby



- Type and mammary specialist
- Good daughter fertility
- High survival rate

RRP
\$16.00
+ GST



Herdbook **DENMARK** Date of birth **19-01-2004** Bull ID **VIKFACET** Nasid ID **89UUA03 36324**



67%

Non Return Rate (NRR) after day 56 from 1st service

HF 25%

BPI 66

HWI 51

TWI 112



PRODUCTION 204 DTRS/18 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
1	-4	0,14	-436	-7	0,16	94

WORKABILITY

Milking Speed	Temperament	Likeability
101	100	98

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
130	106	103	-113

TYPE ABV(I)

Overall Type	104	Pin Set	97
Mammary System	106	Foot Angle	109
Stature	112	Rear Leg Set	93
Udder Texture	100	Rear Leg Rear View	104
Bone Quality	102	Udder Depth	118
Angularity	107	Fore Attach	110
Muzzle Width	102	Rear Att Height	107
Body Length	108	Rear Att Width	96
Body Depth	101	Centre Ligament	103
Chest Width	94	Teat Place Front	103
Rump Length	106	Teat Place Rear	99
Pin Width	109	Teat Length	96
		Loin Strength	100

VR Solero

Orraryd / SYD Garant / Torpane



- No 2 BPI Australian proven sire
- Good production with positive components
- Nice temperament, good likeability

RRP
\$18.00
+ GST



Herdbook **DENMARK** Date of birth **15-07-2007** Bull ID **VIKSOLERO** Nasid ID **89UUC01 36558**



60%

Non Return Rate (NRR) after day 56 from 1st service

BPI 204

HWI 156

TWI 195



PRODUCTION 37 DTRS/14 HERDS ABV

ASI	kgP	p%	Milk	kgF	F%	Rel%
142	20	0,24	288	17	0,07	88

WORKABILITY

Milking Speed	Temperament	Likeability
100	103	102

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
107	103	99	N/A

TYPE ABV(I)

Overall Type	98	Pin Set	85
Mammary System	101	Foot Angle	103
Stature	98	Rear Leg Set	102
Udder Texture	N/A	Rear Leg Rear View	105
Bone Quality	N/A	Udder Depth	98
Angularity	92	Fore Attach	104
Muzzle Width	N/A	Rear Att Height	104
Body Length	N/A	Rear Att Width	N/A
Body Depth	101	Centre Ligament	99
Chest Width	105	Teat Place Front	96
Rump Length	N/A	Teat Place Rear	92
Pin Width	102	Teat Length	98
		Loin Strength	N/A

Proven

Asmo Andrei

Ponnistus / Miqur / Kelli



- Top 10 Sire for BPI
- Big protein production sire +35 kg P
- Very good SCC improver

RRP
\$12.00
+ GST



Herdbook **FINLAND 45030** Date of birth **2008-03-19** Bull ID **VIKANDREI** Nasis ID **87UUE11**



Non Return Rate (NRR) after day 56 from 1st service

67%

HF 25%

BPI 164

HWI 87

TWI 132



PRODUCTION ABV(I)

ASI	kgP	p%	Milk	kgF	F%	Rel%
196	35	0,12	1065	33	-0,18	67

WORKABILITY

Milking Speed	Temperament	Likeability
99	100	99

HEALTH TRAITS

Cell Count	Survival	Dtr Fertility	Feed Saved
133	98	100	-78

TYPE ABV(I)

Overall Type	101	Pin Set	103
Mammary System	100	Foot Angle	104
Stature	104	Rear Leg Set	105
Udder Texture	N/A	Rear Leg Rear View	95
Bone Quality	N/A	Udder Depth	96
Angularity	105	Fore Attach	95
Muzzle Width	N/A	Rear Att Height	101
Body Length	N/A	Rear Att Width	N/A
Body Depth	99	Centre Ligament	103
Chest Width	109	Teat Place Front	101
Rump Length	N/A	Teat Place Rear	103
Pin Width	111	Teat Length	100
		Loin Strength	N/A

Genomic

VR Hambo

R Haslev / G Edbo / Peterslund

- Calving ease sire, use on maiden heifers
- Easy to use sire particularly over heavier or more coarse cows

gNTM +15

+**\$235** more profit

Nordic Breeding values feb 2016
100 = Breed average



Herdbook **Sweden 99515**

Date of birth **08-11-2011**

Bull ID **VIKRHAMBO**

Nasis ID **87UUH15**



63%

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$14.00
+ GST

PRODUCTION

Dam average
594 Grevinna
1. lact
9736 kg
4,4 % F; 432 kg F
3,6 % P; 353 kg P

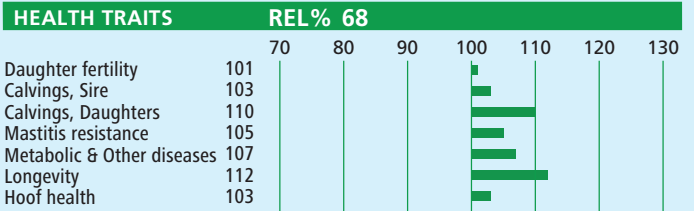
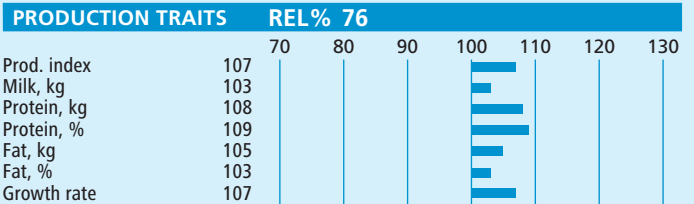


CALVING EASE GUIDE

Rel 95%	Easy	Average	Harder
Cows / 2072*	●		
Heifers / 1290*	●		

*Number of observations

GESTATION LENGTH -0.2 days



TOTAL

Frame 99 Feet & Legs 102 Udder 104 Milking speed 112 fast Temperament 103 average

TYPE PROOF

Stature	104	Fore udder	101
Angularity	104	Rear udder height	100
Chest width	84	Rear udder width	102
Body depth	91	Suspensory ligam.	98
Rump width	110	Udder depth	108
Rump angle	99	Udder balance	113
Top line	95	Teat length	106
Legs side	107	Teat thickness	99
Legs rear view	104	Teat placem. front	98
Foot angle	95	Teat placem. rear	103



- World highest production, fat + protein
- Outcross pedigrees • High feed efficiency • Resistance against metabolic diseases • Resistance against mastitis
- Resistance against hoof diseases • Resistance against reproduction diseases • Long productive life



Great Genomic deal!

Purchase 50+ units of any genomic sires from our 2016 team and you get **\$2 off RRP** on those sires

Purchase 100+ units of any genomic sires from our 2016 team you get **\$4 off RRP** on those sires

1+1 deal!

Purchase 50 units of any genomic sire from our 2016 team **and 50 units** of any proven sire above \$20 RRP and you get **\$2 off the RRP** on those sires

Purchase 100 units genomic sires from our 2016 team **and 100 units** of any proven sire above \$20 RRP and you get **\$4 off the RRP** on those sires

Viking Jersey Top3 – make your choice!

NTM	
VJ HALEY	+25
VJ BUFFO	+23
VJ RODME	+19

MASTITIS RESISTANCE	
VJ BUFFO	+117
VJ RODME	+113
VJ HALEY	+111

FEET AND LEGS	
VJ LURE	+104
VJ HJORT	+103
VJ HILARIO	+101

PRODUCTION	
VJ HUSKY	+122
VJ HJORT	+122
VJ LURE	+119

METABOLIC, FERTILITY, FEET & LEG DISORDERS	
VJ ZEPPE	+105
VJ RODME	+102
VJ HJORT	+102

TEMPERAMENT	
VJ MAESTRO	+112
VJ LURE	+108
VJ RODME	+107

DTR FERTILITY	
VJ HILARIO	+117
VJ MAESTRO	+111
VJ BUFFO	+102

LONGEVITY	
VJ HILARIO	+116
VJ HJORT	+113
VJ HALEY	+112

MILKING SPEED	
VJ MAESTRO	+123
VJ RODME	+122
VJ LURE	+110

CALVING EASE	
VJ HUSKY	+108
VJ HALEY	+106
VJ LURE	+106

UDDERS	
VJ HALEY	+113
VJ HILARIO	+113
VJ MAESTRO	+113

Strong breeding programmes

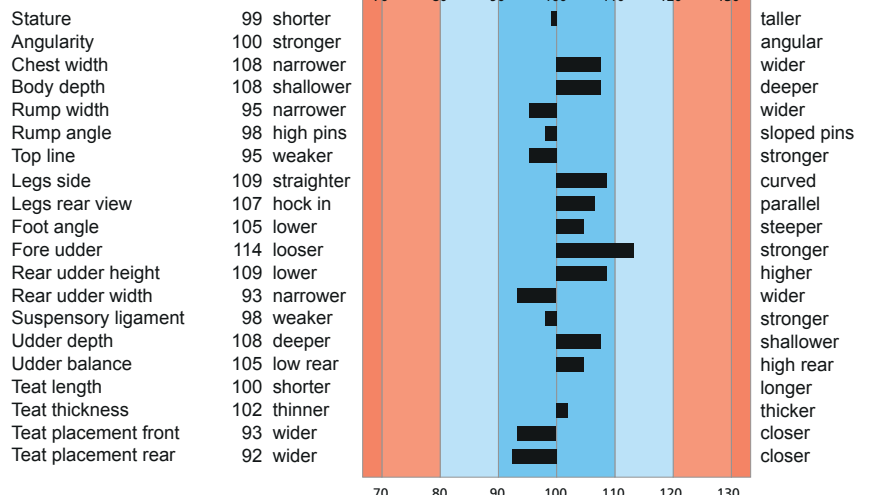
The world's leading Jersey breed. The top characteristics are high fat and protein content. VikingJersey is an outcross to other Jersey populations and is respected all over the world as an efficient, durable and profitable cow.

No. of Cows	68000
Milk, kg	7199
Fat, kg	422
Fat, %	5.87
Protein, kg	297
Protein, %	4.13

Production figures are weighed values from Denmark, Sweden and Finland, 365 days milk recording 2013/2014.

Balanced Breeding

The most profitable cow for all breeds is your medium sized cow. Selecting sires that leave traits to the left and right of 100 is essential for a balanced programme to avoid extremes. Almost 70% of the female population is in the blue zone between 90-110. Changes within this zone are very minimal either way. One standard deviation is 10 points, so this sire is basically keeping the population constant apart from strengthening fore udder which is above average. This is a very good sire to maintain your medium sized cow with good functional type.



VJ Rodme

NEW!

VJ Hubert / DJ May / Q Impuls



- Very popular sire in 2015. This young sire is hard to fault
- Taller cows with lovely frames
- Udders made to last

gNTM +19
+\$297 more profit

Nordic Breeding values feb 2016
 100 = Breed average



70% Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 303952**

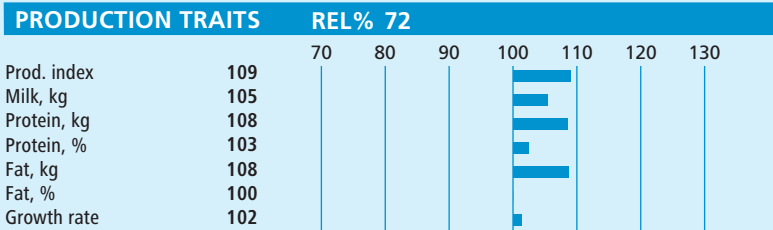
Date of birth **12-10-2013**

Bull ID **VIKJRODME**

Nasis ID **89JJK01**

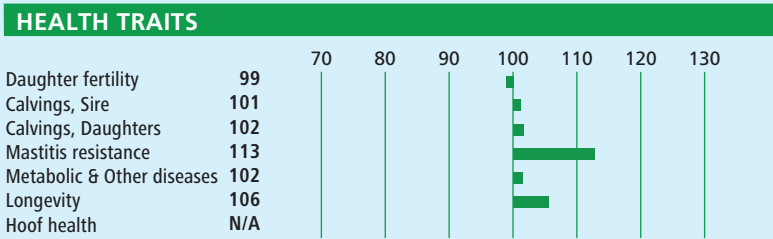
1+1 DEAL

RRP \$20.00 + GST



PRODUCTION

Dam average, 2 lactations
 Milk kg **7110**
 Fat % **6.0**
 Fat kg **426**
 Prot % **4.3**
 Prot kg **303**

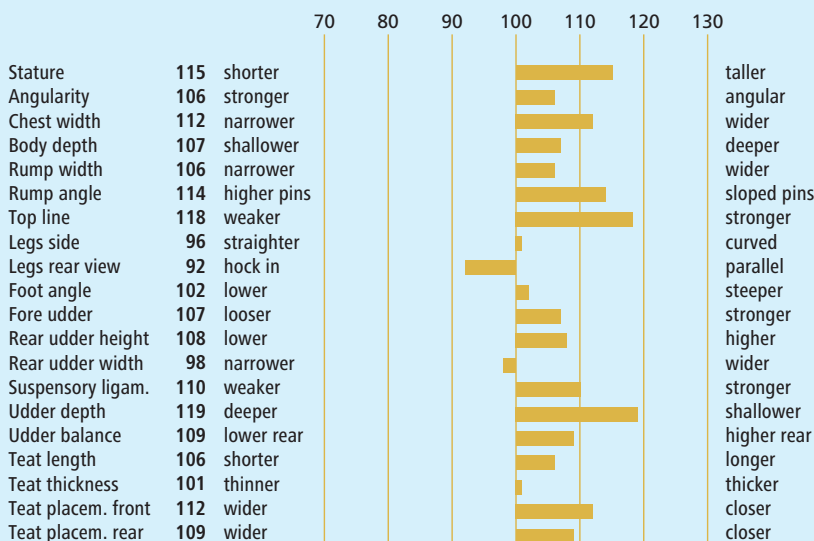


World leading genetics in the first VJ Hubert son

TOTAL

Frame 115 Feet & Legs 99 Udder 112 Milking speed 122 very fast Temperament 107 calm

TYPE PROOF



VJ Rodme is out of "Rodme Nygaard May Kirsten", bred by the Hansen family, at Rodme Nygaard. VJ Rodme is the first son of VJ Hubert (DJ Hulk x Q Hirse). An extremely strong line up of sires in the pedigree: Hulk, Hirse, May and Impuls.

The dam of Rodme, scored VG87, has milked for 2.4 years, with a yearly average of 7400 kg milk, 5.76% and 429 kg fat, 4.12% and 307 kg protein. Both MGD and MGGD had productions on the same high level - over 300 kg protein per year.

VJ Rodme breeds tall daughters with very good depth, width and dairyness, along with excellent, extremely shallow and well-attached udders. Udder health and longevity are another of VJ Rodme's trademarks. VJ Rodme is used heavily as sire of sons.

VJ Haley

VJ Husky / DJ Holmer / DJ Zuma

NEW!

- Good milk and components
- Superb udders typical of our team 2016!
- Larger framed cows from front to back

gNTM +25
+\$407 more profit

Nordic Breeding values feb 2016
100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 304129**

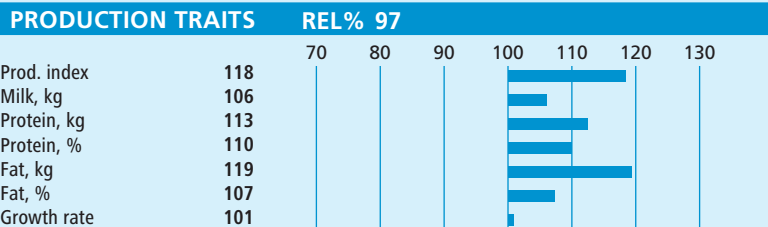
Date of birth **03-01-2015**

Bull ID **VIKJHALEY**

Nasis ID **89JJM04**

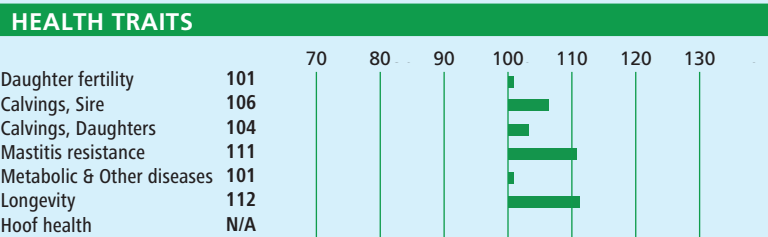
1+1 DEAL

RRP \$22.00 + GST



PRODUCTION

Dam average, 1 lactation
Milk kg **7321**
Fat % **6.21**
Fat kg **455**
Prot % **3.91**
Prot kg **286**

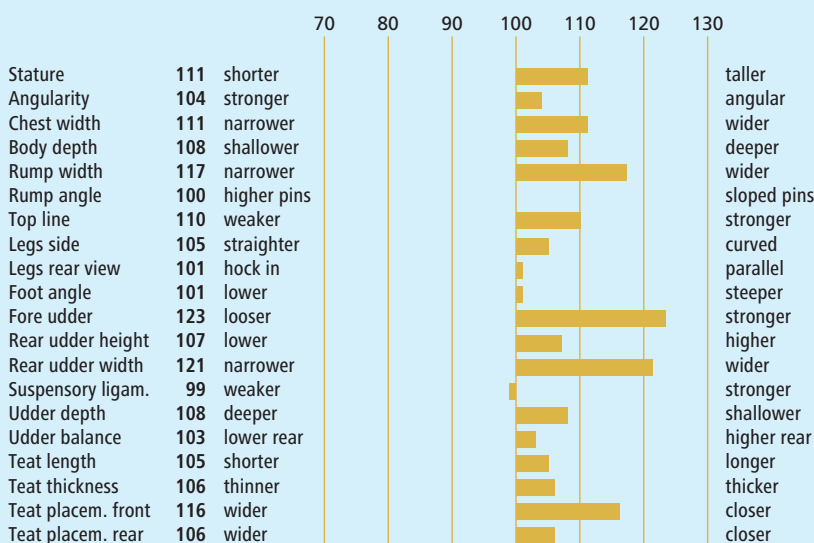


VJ Haley expresses the breeding goal!

TOTAL

Frame 118 Feet & Legs 92 Udder 113 Milking speed 103 average Temperament 102 average

TYPE PROOF



VikingJersey Dongsgaarden Husky Haley, VJ Haley, is bred in the Dongsgaarden herd, owned by Christian Halmø, Denmark. VJ Haley is out of a very high-producing cow family. The dam, Dongsgaarden Holmer Donna has a yearly average of 8600 kg milk with 887 kg F+P. Grand dam and Great Grand dam are higher than 9000 kg milk and 900 kg F+P per year.

VJ Haley not only breeds high production, he also breeds exceptional type (width and depth) and udders. Note the extremely well-attached fore- and rear udders. Udders are shallow and teats are of ideal size and placement. Workability and health traits are very positive as well. To sum up – VJ Haley expresses the breeding goal for VikingJersey!

VJ Buffo

VJ Buzz / VJ Hobart / DJ Zuma

- New Sire in our super team for 2016 • Outcross for your herd
- A no holes proof with positive milk & components
- Excellent for putting length & thickness into Jersey teats
- Widens rear teat placement

gNTM +23

+\$360 more profit

Nordic Breeding values feb 2016
100 = Breed average



66% Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 304021**

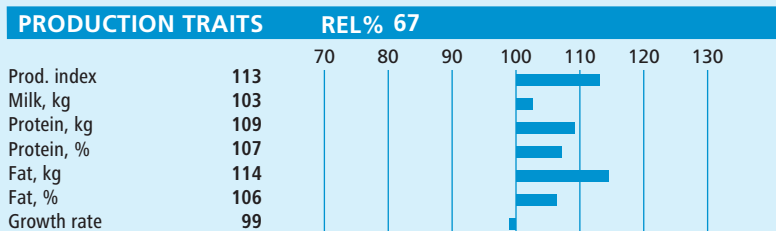
Date of birth **12-05-2014**

Bull ID **VIKJBUFFO**

Nasis ID **89JL04**

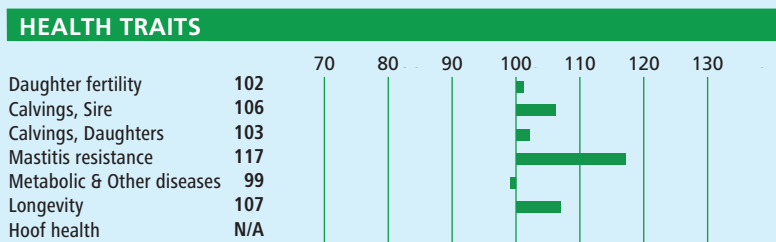
1+1 DEAL

RRP \$22.00 + GST



PRODUCTION

Dam average, 1 lactation
 Milk kg **6508**
 Fat % **5.3**
 Fat kg **344**
 Prot % **3.7**
 Prot kg **242**

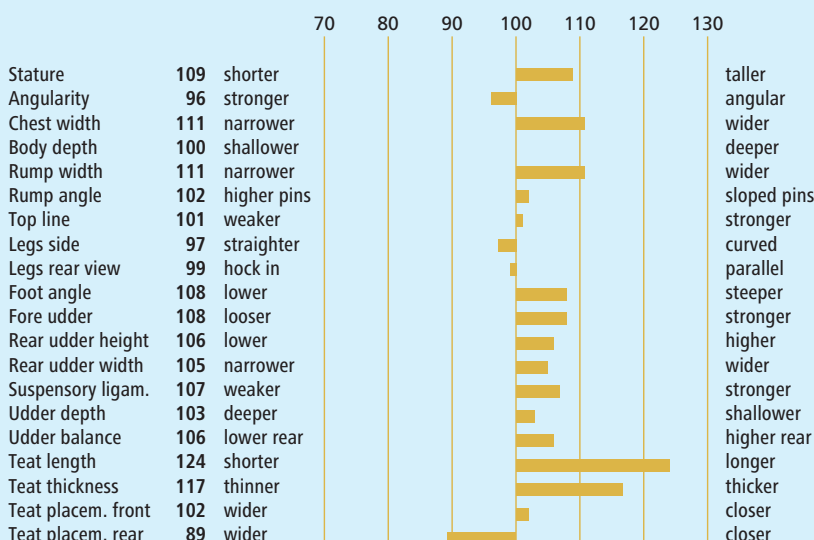


Exceptional udders and udder health

TOTAL

Frame 107 Feet & Legs 94 Udder 107 Milking speed 110 fast Temperament 99 average

TYPE PROOF



VJ Buffo is out of Traedholm Hobart Birthe, bred in the Gelsted Overgaard herd, owned by John Traedholm. VJ Buffo is the highest ranking VJ Buzz son in Viking- Genetics. VJ Buzz being a DJ Broiler x Q Hirse and next sire, VJ Hobart being a DJ Hovborg x M Jace. An alternative pedigree. We expect a very good daughter proof of VJ Buzz later in 2016.

Traedholm Hobart Birthe has milked in 1.7 years with a yearly average of 8300 kg ECM with 729 kg F+P. Grand dam and Great Grand dam have a yearly production of 9700 kg ECM with 855 kg F+P and 8100 kg milk with 717 kg F+P. VJ Buffo will increase components.

VJ Buffo breeds tall daughters with a good chest width, nice steep hoof angle and exceptional udders. Especially the udder attachment and the teat size is outstanding. VJ Buffo breeds good fertility and longevity and he is a breed leader for udder health. VJ Buffo is used heavily as sire of sons.

VJ Zeppe

VJ Zou / DJ Jason / DJ Hovborg

- Taller cows with angularity and great frames
- A very easy bull to use with all traits positive
- Outcross opportunities for the Jersey breed

gNTM +16

+\$282 more profit

Nordic Breeding values feb 2016
100 = Breed average



N/A Non Return Rate (NRR) after day 56 from 1st service

Herdbook **DENMARK 304016**

Date of birth **25-04-2014**

Bull ID **VIKJZEPPE**

Nasis ID **89JJL05**

**1+1
DEAL**

**RRP
\$22.00
+ GST**



**VIKING
JERSEY[®]**

PRODUCTION TRAITS REL% 69

Trait	Value	70	80	90	100	110	120	130
Prod. index	114							
Milk, kg	109							
Protein, kg	110							
Protein, %	98							
Fat, kg	116							
Fat, %	102							
Growth rate	100							

HEALTH TRAITS

Trait	Value	70	80	90	100	110	120	130
Daughter fertility	102							
Calvings, Sire	95							
Calvings, Daughters	106							
Mastitis resistance	102							
Metabolic & Other diseases	105							
Longevity	109							
Hoof health	N/A							

PRODUCTION

Dam average, 5 lactations

Milk kg	9960
Fat %	6.0
Fat kg	597
Prot %	4.0
Prot kg	395

The alternative pedigree with very good type and udders

TOTAL

Frame	113	Feet & Legs	98	Udder	105	Milking speed	106 fast	Temperament	103 average
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TYPE PROOF

Trait	Value	70	80	90	100	110	120	130	Notes
Stature	117								taller
Angularity	109								stronger
Chest width	101								narrower
Body depth	98								shallower
Rump width	122								narrower
Rump angle	108								higher pins
Top line	92								weaker
Legs side	103								straighter
Legs rear view	106								hock in
Foot angle	107								lower
Fore udder	108								looser
Rear udder height	105								lower
Rear udder width	115								narrower
Suspensory ligam.	106								weaker
Udder depth	105								deeper
Udder balance	98								lower rear
Teat length	102								shorter
Teat thickness	102								thinner
Teat placem. front	106								wider
Teat placem. rear	101								wider

VJ Zeppe is out of TNJ Jason Anna, from the Soendermoelle herd, owned by Michael Bak Hansen, Denmark. TNJ Jason Anna has an average yearly production of 9600 kg milk with 6.04% fat and 4.09% protein. Grand dam and Great Grand dam have a yearly production of 8000 kg milk with 6.44% and 4.44% and 7800 kg milk with 6.13% fat and 4.39% protein.

VJ Zeppe is the only son of VJ Zou (DJ Zuma x DJ May) in VikingGenetics. He has a good, alternative pedigree without Q Impuls and DJ Hulk genes.

VJ Zeppe breeds tall daughters of very nice type. Udders are very strongly attached and rear udders are wide. Udders are shallow and teats of ideal size.

VJ Zeppe breeds long-living cows with very good workability.

VJ Hjort

VJ Husky / DJ Zuma / DJ Basse

- Be quick, limited stock of this popular 2015 Sire
- If you want high production from a taller larger framed Jersey, this is the sire for you



gNTM +20

+\$313 more profit

Nordic Breeding values feb 2016
100 = Breed average



68%

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$16.00
+ GST

Herdbook
DENMARK 303828

Date of birth
27-09-2012

Bull ID
VIKJHJORT

Nasis ID
89JJJ03

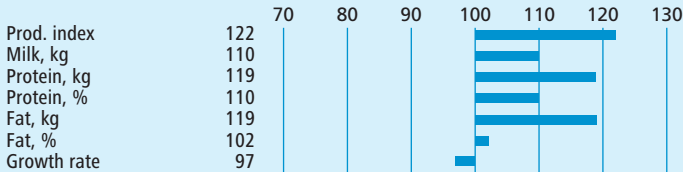


PRODUCTION

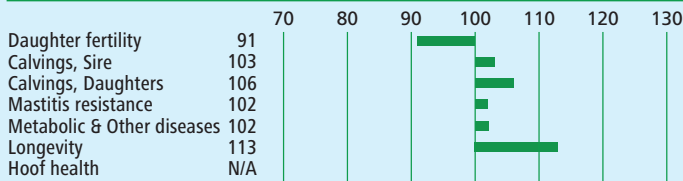
Dam average
2 lactations

Milk kg	7464
Fat %	6.2
Fat kg	459
Prot %	4.0
Prot kg	300

PRODUCTION TRAITS REL% 73



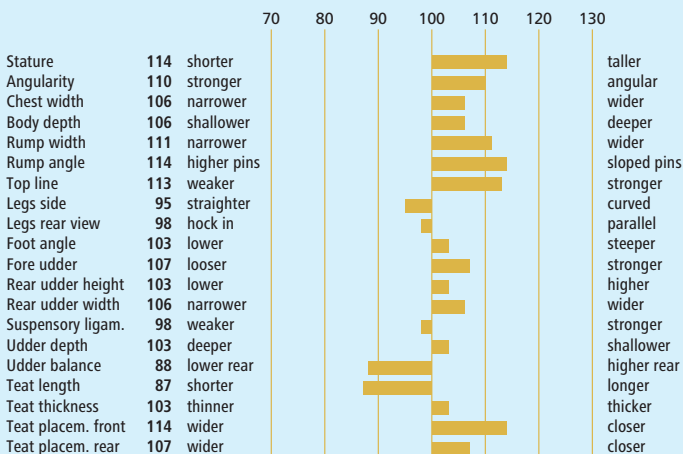
HEALTH TRAITS



TOTAL

Frame	113	Feet & Legs	103	Udder	106	Milking speed	94 protect	Temperament	100 average
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TYPE PROOF



VJ Maestro

DJ May / Q Impuls / Fyn Lemvig

- DJ May son with a star pedigree
- Daughters in milk impressing in Australia
- Fast Milking calm cows
- Impressive fore udder attachments



NTM +11

+\$172 more profit

Nordic Breeding values feb 2016
100 = Breed average



65%

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$18.00
+ GST

Herdbook
DENMARK 303326

Date of birth
13-03-2009

Bull ID
VIKMAESTRO

Nasis ID
89JJF06

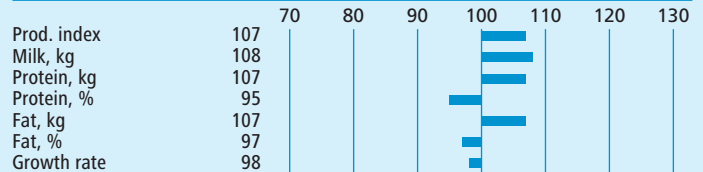


PRODUCTION

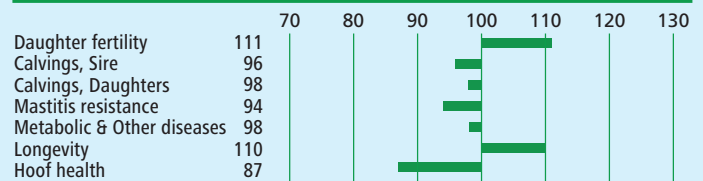
Dam average
1 lactation

Milk kg	6274
Fat %	5.8
Fat kg	362
Prot %	4.0
Prot kg	253

PRODUCTION TRAITS REL% 98 DTRS 607 / HERDS 258



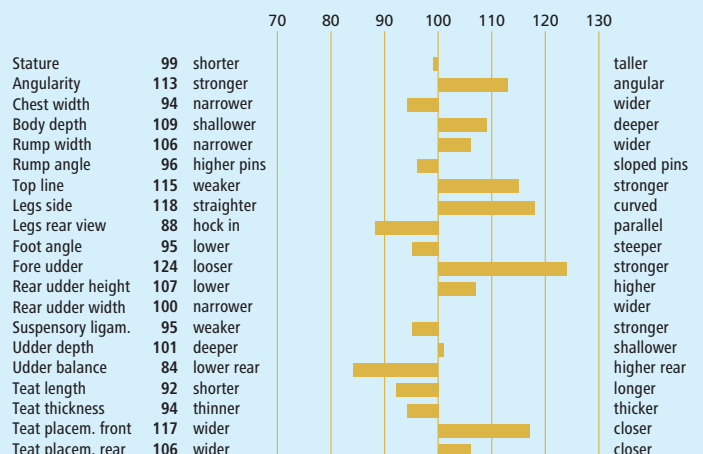
HEALTH TRAITS



TOTAL

Frame	112	Feet & Legs	84	Udder	113	Milking speed	123 very fast	Temperament	112 calm
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TYPE PROOF DTRS 449 / HERDS 184



VJ Husky

DJ Hulk/DJ May/Q Impuls

- Aussie farmers love Husky's strong vigorous calves • High production sire leaving long lasting daughters
- Ideal rump structure • Lovely udders with very good teat placement
- Tall powerful cows, great body capacity



NTM +14

+\$219 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

RRP \$18.00
+ GST

Herdbook **DENMARK 303402**

Date of birth **13-09-2009**

Bull ID **VIKJHUSKY**

Nasis ID **89JJF08**



PRODUCTION

Dam average
2 lactations

Milk kg	6659
Fat %	5.6
Fat kg	374
Prot %	3.9
Prot kg	260

PRODUCTION TRAITS REL% 99 DTRS 1065 / HERDS 326

Trait	Value	REL%
Prod. index	122	99
Milk, kg	113	99
Protein, kg	121	99
Protein, %	105	99
Fat, kg	118	99
Fat, %	98	99
Growth rate	98	99

HEALTH TRAITS REL% 97 DTRS 984 / HERDS 343

Trait	Value	REL%
Daughter fertility	87	97
Calvings, Sire	108	97
Calvings, Daughters	122	97
Mastitis resistance	90	97
Metabolic & Other diseases	98	97
Longevity	108	97
Hoof health	86	97

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
119	82	104	98 average	96 average

TYPE PROOF DTRS 756 / HERDS 246

Trait	Value	REL%	Target
Stature	118	99	taller
Dairyness	118	99	angular
Chest width	124	99	wider
Body depth	120	99	deeper
Rump width	122	99	wider
Rump angle	102	99	sloped pins
Top line	101	99	stronger
Legs side	108	99	curved
Legs rear view	98	99	parallel
Foot angle	94	99	steeper
Fore udder	110	99	stronger
Rear udder height	89	99	higher
Rear udder width	105	99	wider
Suspensory ligam.	90	99	stronger
Udder depth	101	99	shallower
Udder balance	95	99	higher rear
Teat length	103	99	longer
Teat thickness	118	99	thinner
Teat placem. front	111	99	closer
Teat placem. rear	99	99	closer

VJ Hilario

Q Hirse / Q Impuls / FYN Lemvig

- Simply the best for Dtr Fertility
- High wide neat udders with good milk
- Tall cows with power and super top lines



NTM +17

+\$266 more profit

Nordic Breeding values feb 2016
100 = Breed average



Non Return Rate (NRR) after day 56 from 1st service

1+1 DEAL

SEXED SEMEN \$50.00 + GST

RRP \$20.00
+ GST

Herdbook **DENMARK 303406**

Date of birth **09-10-2009**

Bull ID **VIKJHILARIO**

Nasis ID **89JJF07**



PRODUCTION

Dam average
5 lactations

Milk kg	9274
Fat %	5.2
Fat kg	583
Prot %	4.0
Prot kg	483

PRODUCTION TRAITS REL% 97 DTRS 365 / HERDS 199

Trait	Value	REL%
Prod. index	111	97
Milk, kg	114	97
Protein, kg	116	97
Protein, %	95	97
Fat, kg	106	97
Fat, %	89	97
Growth rate	109	97

HEALTH TRAITS REL% 93 DTRS 336 / HERDS 204

Trait	Value	REL%
Daughter fertility	117	93
Calvings, Sire	101	93
Calvings, Daughters	112	93
Mastitis resistance	102	93
Metabolic & Other diseases	93	93
Longevity	116	93
Hoof health	84	93

TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
128	101	113	90 protect	95 average

TYPE PROOF DTRS 272 / HERDS 153

Trait	Value	REL%	Target
Stature	117	97	taller
Dairyness	105	97	angular
Chest width	104	97	wider
Body depth	104	97	deeper
Rump width	117	97	wider
Rump angle	95	97	sloped pins
Top line	124	97	stronger
Legs side	92	97	curved
Legs rear view	103	97	hock in
Foot angle	95	97	steeper
Fore udder	108	97	stronger
Rear udder height	111	97	higher
Rear udder width	116	97	wider
Suspensory ligam.	105	97	stronger
Udder depth	106	97	shallower
Udder balance	88	97	higher rear
Teat length	94	97	longer
Teat thickness	105	97	thinner
Teat placem. front	93	97	closer
Teat placem. rear	94	97	closer

VJ Lure

DJ Lirsk / Q Impuls / DJ Trick

- Calm, fast milking cows
- Lowers pin set and strengthens top lines
- High production



NTM +14

+\$219 more profit

Nordic Breeding values feb 2016
100 = Breed average



66%

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$20.00
+ GST

1+1 DEAL

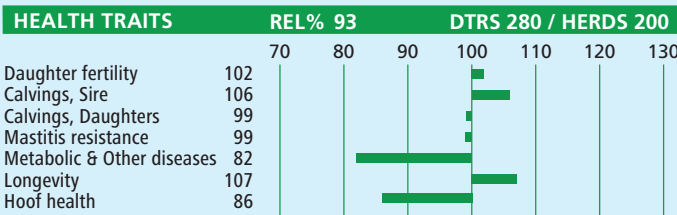
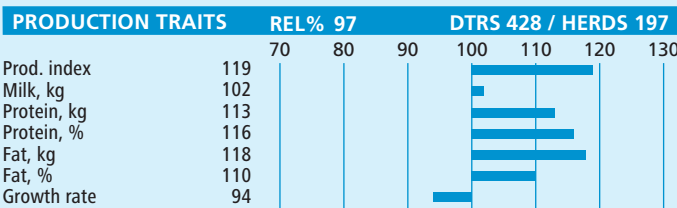
Herdbook
DENMARK 303259
Date of birth
06-12-2007
Bull ID
VIKLURE
Nasis ID
89JJD02



PRODUCTION

Dam average, 4 lactations

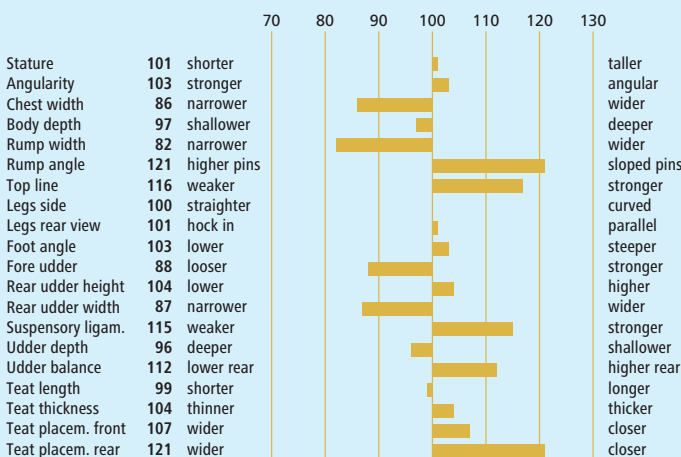
Milk kg	7719
Fat %	6.42
Fat kg	495
Prot %	4.40
Prot kg	339



TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
93	104	88	110 fast	108 calm

TYPE PROOF DTRS 256 / HERDS 134



DJ Zuma

Q Zik / Fyn Lemvig / Skæ Ide

- High reliability sire with over 10000 dtrs in his proof
- High daughter fertility
- Superb udders
- Lovely temperament



NTM +13

+\$203 more profit

Nordic Breeding values feb 2016
100 = Breed average



69%

Non Return Rate (NRR) after day 56 from 1st service

RRP
\$18.00
+ GST

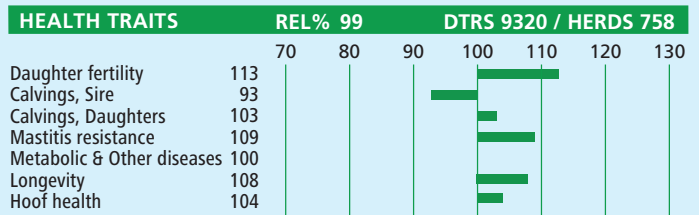
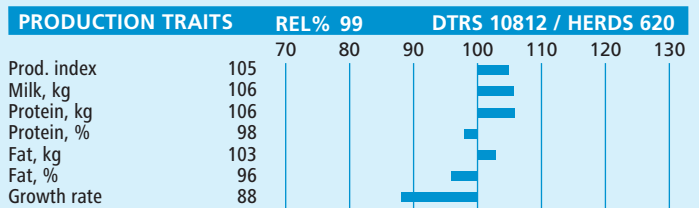
Herdbook
DENMARK 302730
Date of birth
01-10-2004
Bull ID
BOSDZUMA
Nasis ID
89JJA03



PRODUCTION

Dam average, 7 lactations

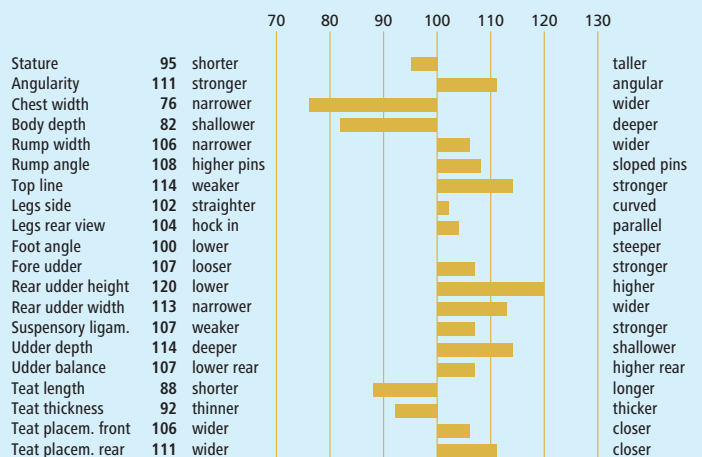
Milk kg	6123
Fat %	6.0
Fat kg	367
Prot %	4.04
Prot kg	247



TOTAL

Frame	Feet & Legs	Udder	Milking speed	Temperament
96	112	109	85 protect	110 calm

TYPE PROOF DTRS 6823 / HERDS 352



Viking around

Andrew Zuidema – Leongatha in Gippsland. I noticed immediately the great calving ease of my Viking Holsteins and the growth rates of the calves are great. I don't get up at night anymore checking cows calving. I was super happy with my big group of D Sol's in milk last year as they had great strength and were so good on their feet and legs. I have D Onside heifers calving in now and they look unbelievably good and are settling into the dairy so well.



Steve Dalitz – Yalca in North East Victoria. I love the fact that Viking has "real health traits" so much data collected and collated so well. I have bred for type for 20 years and have Viking Cows into their 5th lactation this year. I have maintained my type and **DRAMACTICALLY** improved all health aspects of my dairy herd.



Andrew Gaul, Bona Vista, Victoria.

I love my Bento daughters, they produce well and look awesome. Their fertility, hoof health and cell count has been outstanding. I had thirty daughters in the herd for 2015 and am pleased I have another forty to calve in 2016."

John and Chris Hibberson – Numurkah in North East Victoria. We started using VikingGenetics because of how the Holsteins are bred from the NTM (Nordic Total Merit) system which has so much data and high reliability. Our Viking cows have been producing at a high level and remained healthy and vibrant, they are just such good cows to work with.



d Australia

Lachlan McLeod – Calrossie in Gippsland. Having lived in Sweden for a year when I was younger I had a bit of experience with red breed cows. I am using the Viking reds in a three-way cross breeding program on my farm in Gippsland. The Viking reds have significantly improved my herd's fertility and overall health. I also rear all the bull calves and I find that the Reds have a very good growth rate and produce a robust steer that sells very well.



Greg Goulding – Cohuna in North West Victoria. Since I started changing my herd from a Holstein to a red herd about 17 years ago, Viking Genetics have played a major role in turning my red cows into a fertile and healthy herd.



Greg Anderson – Yarroweyah in North East Victoria. I've just dried off my first six S Ross heifers. They are such easy care cows, they walk well, no mastitis and the best part is they all went back in calf with just one dose of semen. I like that.



Nick Leppin

Toby, Lyn and Nick Leppin – Bena in Gippsland. The fertility with our Reds is a stand out feature. Last season we achieved a three week in calf rate of 76% and an overall empty rate of 9% and that was only with AI matings as we don't use herd bulls.



Steven Gleeson, Purnim, Victoria

Steve Gleeson pictured with a favourite Q Impuls cow who peaked at 28 litres on grass. "Viking Jerseys give me outcross lines with their good diversity of pedigrees. The components of the Viking Jersey are fantastic, also the temperament and ability to get back in calf is great too. I can rely on the Viking NTM proofs as you definitely get what the proofs say!"

Bernie Brinker, Alberton, Victoria

"I wanted to spend more time with family and less time in the calving paddock, which I have achieved with Viking sires. I can sleep easy at night with the ease of calving of my Viking heifers. The newborn calves are so spritely, they are up and about in no time at all and are easy to train in the calf pens"



D Onside daughter



***Brett Davies,
Simpson, Victoria***

"I really like the reliability of the health traits in the NTM. The long list of health benefits really works as my veterinary costs have reduced dramatically and are at a minimum. Fertility is really good and last calving I only assisted 2 from 160 calvings!"

