

# MONTBELIARDE

## SIRE DIRECTORY

SUMMER | FALL 2021



**Coopesc**  
**MONTBELIARDE**  
THE MONTBELIARDE WORLDWIDE



# SUMMARY

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On cover: PIAGGIO gran dam, FUSIONNEL daughter

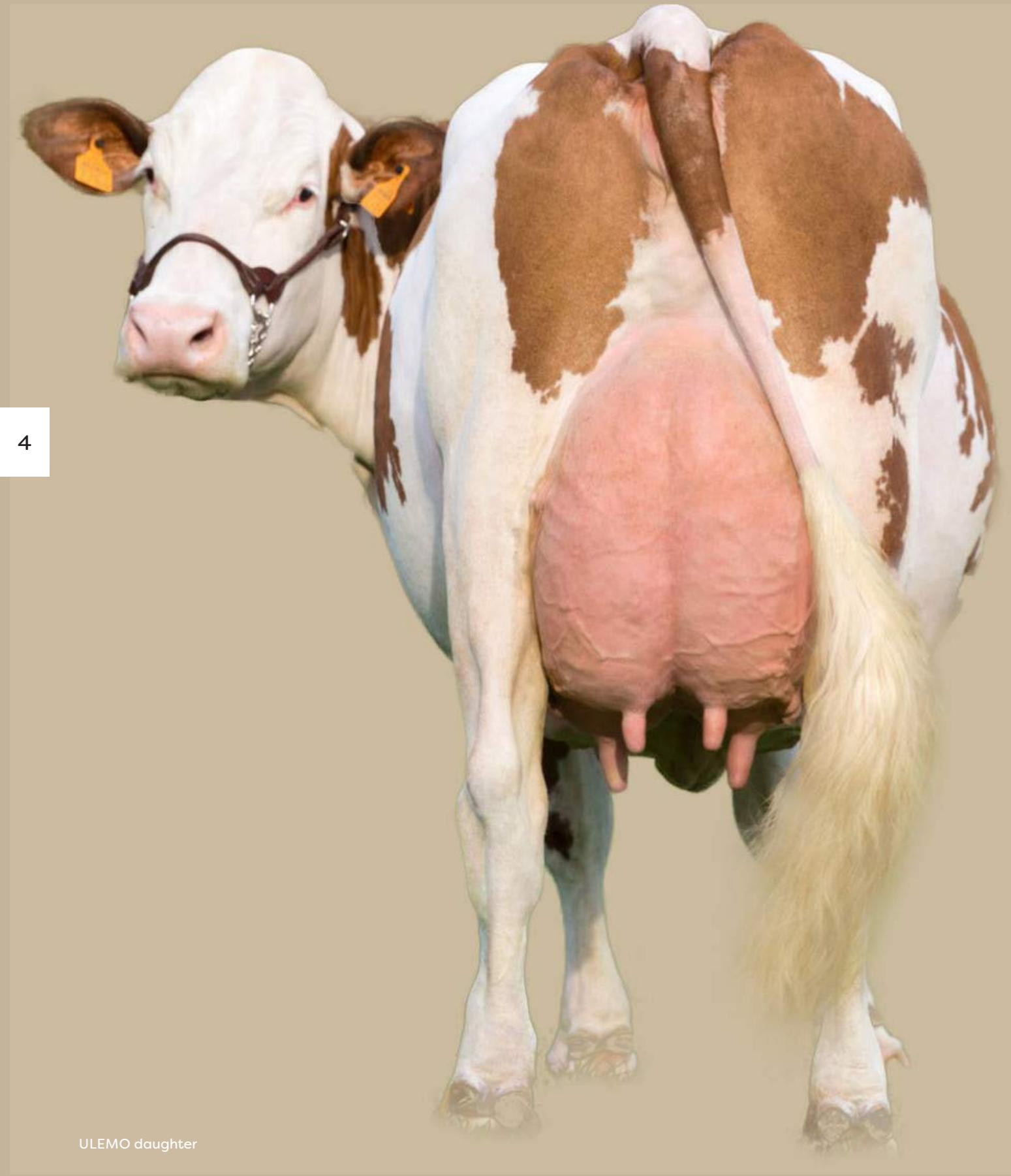
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Available in sexed and conventional semen

Available in sexed semen only

Available in conventional semen only

# The Montbeliarde worldwide



ULEMO daughter

COOPEX  
MONTBELIARDE

MONTBELIARDE  
BREED

Pure breed



MINNESOTA daughter

## #1 breeding program

15 196 partner breeders

Top 3 ISU 100% Coopex

## #1 Montbeliarde leader

700 000 straws sold abroad

12 200 heifers exported



422 238 recorded cows

30% of AI done with sexed semen

Crossbreed



Montbeliarde x Holstein, GUISSENY daughter

# COOPEX MONTBELIARDE

## From French Breeders to foreign breeders



### Semen

#1 Montbeliarde breeding program

#1 Montbeliarde Sire  
ONE MILLION, ISU 166

### Top 5 proven bulls

Umotest leads the Montbeliarde breeding program. It is a federation formed by 10 farmer-owned-and-controlled cooperatives (15000 breeders). 2 100 000 straws are produced each year as well as 200 000 sexed semen. Thanks to this breeding program, Coopex Montbeliarde provides worldwide semen from the best Montbeliarde sires as well as pregnant heifers and reproduction services. The breeding program is the #1 in France with 82% Montbeliarde AI market share in France.

### Livestock

Your worldwide leader for  
Montbeliarde supplying  
12 200 heifers exported

#### Traceability

- Follow-up of livestock transit through safe, secure and standardized livestock management systems Individual identification with ear tags
- Individual collection of all animal features through a high-developed software program
- Individual follow-up and monitoring of all animal health status and herd origin status.

#### Administrative RIGOR

- Administration by high-experienced staff to enhance customers satisfaction
- Double check-up of all export documents Reliable relationships with customs staff for quicker transit
- Strong partnerships with international and recognized banks and insurances companies

#### Logistics

- Commitments to deliver livestock with compliance to high level of animal welfare standards
- Experienced truck drivers, trained to animal cares Full comfortable trucks with modern care equipments (fans, water supply)
- Modern livestock vessels to crew over long distances between ports

### Technical support

We support our clients  
in the evolution of  
their projects

Genetics management, nutrition and feeding management, AI services and biotechnologies, animal husbandry, technical support issued by our experts on herd management.

**The Montbeliarde  
breed is our passion  
for more than 40 years.**

**Coopex**  
MONTBELIARDE  
THE MONTBELIARDE WORLDWIDE



Cameroon

Arrival of aircraft with 165 Montbeliarde pregnant heifers at Garoua Airport to develop local milk production



United Kingdom

RAVISSANT daughter exported by Coopex in April 2014 which reached 100 Tons of milk produced in her lifetime in April 2021



Algeria

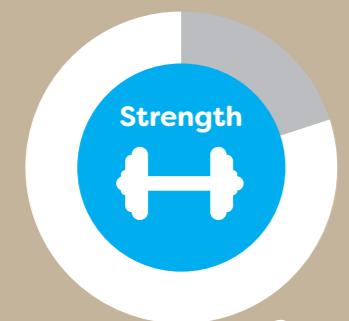
Soflait farm. Algeria is one of the favorite export destination for Montbeliarde breed



Russia

Two herds of 2 500 Montbeliarde cows each, the biggest Montbeliarde farm in the world.

# MONTBELIARDE



- 50% of the montbeliardes are kept in **extensive systems in France**. Native from a pasture territory, the Montbeliarde breed has been selected on milk production, robustness, feet & legs, ability to convert coarse and dry fodder intake into milk.



- High potentiel to fatten culled cows and young calves
- 400 kg at 18 months (average carcass weight)
- 1350 g/day (average daily gain)



## Type suitable to :

- **HARD** breeding systems, native from mountain area with great ability for grazing - Strong feet & legs
- **EASY** breeding - systems **95% of easy calvings** without any assistance - **Good rump structure**
- **ECONOMIC** breeding systems - Leader for rough and dry forages intake and conversion into milk (dry hay / maize and grass silages)



**#2 dairy breed  
in France**

**8529kg, 3.5 %P, 3.95 %F  
422 238 recorded cows**



**SOLIDS**  
**3.5% Protein &  
3.95% Fat**

- Good Protein / Fat ratio
- Higher frequency of Casein BB & A2A2
- **Mastitis resistance:** only 5% of herds have SCS problems in France
- #1 breed used for producing milk for AOP cheese in France



	Holstein	Montbeliarde
<b>LONGEVITY</b> - cows in 5th lactation and more	10%	19%
Doses / pregnancy	2.4	1.7
Calving Interval (days)	420	392
AI with sexed semen (%)	14.7%	28.2%
Non-return rate at 90 days on heifers with sexed semen	58.5%	62.5%

**Save 25% of straws**

# MONTBELIARDE

## Pure Breed      Crossbreed



**Austria**

Hannes with his favorite HELUX heifer



**Cameroon**

First Montbeliarde cow calved and milked from the aircraft imported



**Afghanistan**

Montbeliarde progeny from cross on local breeds



**USA**

#1 destination for Montbeliarde genetics for crossbreeding on Holstein to get more profitable cows



**Chile**

300 cows in Montbéliarde herd from crossbreeding by absorption on Holstein in grazing system



**Switzerland**

NIKOS daughter who passed over 100 Tons of milk produced in her lifetime



**Colombia**

Mo breed perfect for crossbreeding on Gyr cattle (Ganaderia La Maporita)



**Ireland**

Montbeliarde cross on Jersey in Ireland



**UK**

Mo heifers grazing in Leicestershire



**Japan**

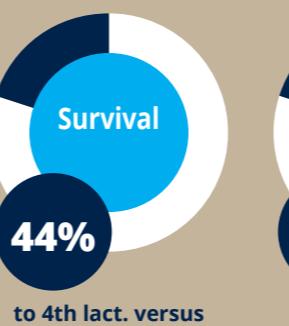
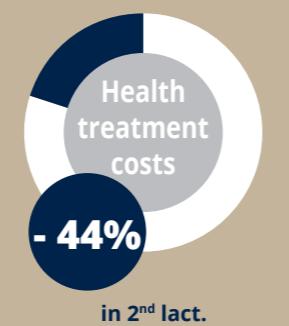
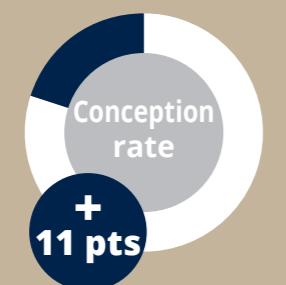
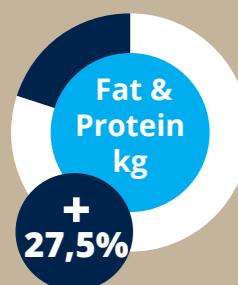
First Montbeliarde crossed calved on the Japan TV news



## +19% DAILY PROFIT for MO x HO versus Holstein

	Holstein	MO x HO
COWS (number)	640	558
LIFETIME PROFIT	\$2 842	\$4 480 <span>+58%</span>
DAILY PROFIT	\$3,74	\$4,46 <span>+19%</span>
TOTAL INCOME	\$15,92	\$16,28 <span>+2%</span>
TOTAL EXPENSE	\$12,19	\$11,83 <span>-3%</span>

LIFETIME PROFIT AND DAILY PROFIT for MO x HO 2-breed crossbreds and their HO herdmates.



Crossbreed with Montbeliarde ?  
It works and it is proven !

The results of the study lead  
by the University of Minnesota  
show superior results of  
the crossbred cows versus  
the Holstein !

## MINNESOTA TRIAL

### PRODUCTION

	Holstein	MO x HO	
1 <sup>ST</sup> LACTATION	Cows (number)	1 180	556
	Fat + Protein (kg)	765	788
	Milk (kg)	11 378	11 445
2 <sup>ND</sup> LACTATION	Cows (number)	883	443
	Fat + Protein (kg)	887	906
	Milk (kg)	13 338	13 335
3 <sup>RD</sup> LACTATION	Cows (number)	451	297
	Fat + Protein (kg)	927	940
	Milk (kg)	13 932	13 860
LIFETIME	Cows (number)	640	358
	Days in the herd	886	1105 <span>+219 days</span>
	Fat + Protein (kg)	2 201	2 810 <span>+27,5%</span>

Source: University of Minnesota, July 2019  
[https://www.ansci.umn.edu/sites/ansci.umn.edu/files/procross\\_10-year\\_study\\_results\\_kg\\_new.pdf](https://www.ansci.umn.edu/sites/ansci.umn.edu/files/procross_10-year_study_results_kg_new.pdf)

+ 8% More Feed Efficient

	Holstein	MO x HO	
Fat + Protein Production (kg)	441	445	+0,9%
Dry Matter Intake (kg)	3 592	3 360	-6,5%
Fat+Protein/DMI	0,12	0,13	+8% Feed efficient
Body Weight (kg)	644	636	
Wither Height (cm)	143,7	140,2	-3,5 cm
Body Condition Score	3,06	3,25	+0,19
Milk (kg)	6 636	6 264	

Study by B. N. Shonka-Martin, A. R. Hazel, B. J. Heins, L. B. Hansen,  
Department of Animal Science, University of Minnesota, USA, SEPT 2018  
Averages for days 4 to 150 of lactation

## CALIFORNIA TRIAL

### MORE LIFETIME PROFIT

	HO	MO x HO
Lifetime milk (kg)	28 086	32 891 <span>+17%</span>
Lifetime Solids (kg)	1 867	2 267 <span>+21%</span>
Days open	148	122 <span>-26 DAYS</span>
SCS	3,27	2,98
Survival to 4th calving (%)	29	55
Lifetime profit (\$)	4 347	6 503 <span>+49,5%</span>
Profit per day (\$) per cow	4,17	4,39

Main results for Montbeliarde x Holstein crossbred cows in comparision  
to pure Holstein cows. Journal of Dairy Science Vol. 95, n°2. - Feb. 2012





## DANISH STUDY

Mo x Ho more productive than Fleckvieh x Ho

	600 Mo x Ho cows	2500 Fleckv. x Ho cows
1 <sup>ST</sup> LACT.		
Milk production, 1st lactation (kg)	+106	-343
Solids production, 1st lactation (kg)	+15	-11
2 <sup>ND</sup> LACT.		
Milk production, 2nd lactation (kg)	-4	-625
Solids production, 2nd lactation (kg)	+3	-27
3 <sup>RD</sup> LACT.		
Milk production, 3rd lactation (kg)	+16	-737
Solids production, 3rd lactation (kg)	+7	-34
SURVIVAL		
Survival to 2nd lactation (%)	+6,5	+2,5
Survival to 3rd lactation (%)	+14,0	+9,8
Survival to 4th lactation (%)	+8,7	+9,9

Source: Study made in Denmark by Torben Nørremark, VikingDanmark, Anders Fogh, SEGES and Lydia H. Lauridsen, AU, April 2016



Czech Republic  
Montbeliarde breed more and more popular for cross-breeding on Fleckvieh



Austria  
SIR daughter in her 8th lact already produced 95000 kg of milk in her lifetime

## GENETICS

A first in France,

# digeR: feed efficiency index

DigeR is a brand new index released last June 2021 in France and exclusive to Umotest-Coopex group following to a study done during 4 years with more than 400 000 lactations analysed. DigeR is a very easy trait to select as it has similar heritability as milk trait ( $h^2$  digeR = 31,4% vs  $h^2$  milk = 30%). DigeR estimates how well a cow can digest easily fibers from the forages in its ration. It shows the feed efficiency or more precisely the roughage efficiency in the rumen.

## ADVANTAGES

Feed efficiency means economic efficiency. The gains observed between the best and worst cows in the same feeding system over the 4 years study, are :

- +450 kg** of milk produced / cow / year the
- 5 days** shorter calving interval
- less loss of body condition** in early lactation



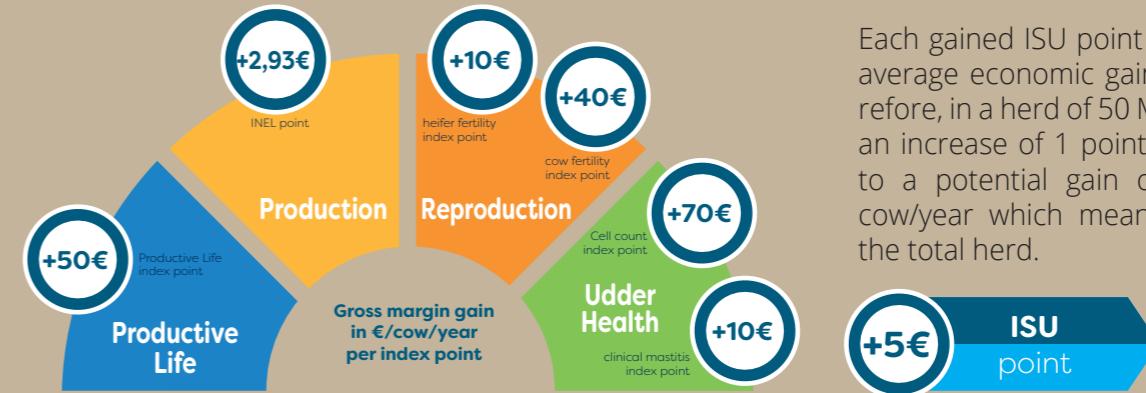
### How to read digeR index ?

This proof called digeR is based on a 0 average with a standard deviation value of + or -1 point. A positive value of digeR proof means improver, so a higher feed efficiency due to a higher digestibility of the fibers from forages in the rumen. This higher ability to convert forages fibers into milk is also linked to a less loss of body condition in early lactation.

## A PROFITABLE INVESTMENT!

Umotest presents you the results from the OSIRIS program (Idele, Inra, Itab, Races de France) based on data from the French breeding network (APCA, Idele), the national genetic information system and the cooperation of Montbeliardbreeding association and ECEL 25-90.

ACROSS FROM EACH INDEX POINT... FINANCIAL BENEFIT... AND LESS WORRIES



Each gained ISU point results in an average economic gain of 5€. Therefore, in a herd of 50 Montbeliards, an increase of 1 point in ISU leads to a potential gain of 5€/milking cow/year which means 250 € for the total herd.

# HOW TO READ the catalog

**Sanitary and zootechnical guarantees**  
 "All Umotest bulls in this catalog produce semen in Artificial Insemination Centres agreed by the French Ministry of Agriculture. Our bulls are tested and are free of Tuberculosis, Brucellosis, Leucosis, IBR-IVP, BVD (MM), Para-tuberculosis, Trichomoniasis, Campylobacteriosis and genital infections. They and all their semen are under permanent control of the National Laboratory of Maison Alphoré. All the process from the young calf to the sire producing semen respects all the European sanitary and zootechnical regulations."

All these Montbeliarde bulls have been approved by the French Ministry of Agriculture. All the proofs are officially processed by the INRA (French Agronomic Research and published by the French Breeding Institute. The proofs of this catalog are the June 2021 run.

**ISU = Breed association total merit**

ISU = 45 % (Pkg + 0,1 Fkg + 0,5 F% + 3 PL) + 12,5 % Type Final score + 18 % Fertility + 14,5 % Udder Health + 5 % PL + 5 % MS  
 Mean = 100 Standard deviation : ± 20 points

## Logos

- Easy calving
- Crossbreeding
- Robotic milking
- Available in sexed and conventional semen
- Conventional semen
- Available in sexed semen only

## Production

Using the BLUP animal model: all pedigree relationships are taken into account; males and females are simultaneously evaluated; permanent environment, environmental and genetic effects are simultaneously estimated; selection of cows and mates are considered.

## Pedigree

SIRE MGS MGGS

**CORTIL**  
 PIOMBO | LINOU | GARDIAN - FR 2547072148 - aAa 432561

## Identification

National number breeder.

## Type trait index

Using the BLUP animal model: all pedigree relationships are taken into account; males and females are simultaneously evaluated; permanent environment, environmental and genetic effects are simultaneously estimated; selection of cows and mates are considered.

## Functional traits

	Somatic Cell Score	Clinical Mastitis	Fertility	Interval calving 1st AI	Productive Life
<b>Proof</b>	<b>SCS</b>	<b>CL. MA</b>	<b>FERT</b>	<b>IC-1AI</b>	<b>PL</b>

<b>Expression</b>	Average 0 Standard Dev. ±1				
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<b>How to read it</b>	> 0 means less Somatic Cells	> 0 means less mastitis	> 0 means more fertile daughters	> 0 means earlier cyclicity reproductive after calving	> 0 means more functional longevity
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	Calving Ease	Vitality	Milking Speed	Temperament
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<b>Proof</b>	<b>CE</b>	<b>VIT</b>	<b>MS</b>	<b>TEM</b>
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<b>Expression</b>	% of easy calvings (no assistance) on first parity cows	% of calves still alive 48 h after birth	Average 100 Standard Dev. ±12	Average 100 Standard Dev. ±12
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<b>How to read it</b>	> 89% means easy calver Sire	> 91% means less stillbirths Average 91%	> 100 means daughters milk quicker	> 100 means daughters easier to handle
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MTF = Mitochondriopathie Free / MTC = Mitochondriopathie Carrier

## 1 Type Final Score

40 % Udder Comp. (10 % fore udder + 10 % rear udder height + 5 % rear udder width + 15 % udder depth + 15 % udder balance + 10 % udder cleft + 10 % front teat placement + 10 % teat orientation + 15 % total teat score) + 30 % Body Comp.

(10 % stature + 35 % chest width + 25 % chest depth + 10 % body depth)

+ 15 % Foot & Leg comp.  
 + 10 % Rump comp.  
 + 5 % Muscularity

## 5 Composite Traits :

- Body comp. - Rump comp.
- Feet & legs comp. - Udder comp.
- Muscularity / Body condition

## 14 Elementary Linear Traits

with optimum score as the best one

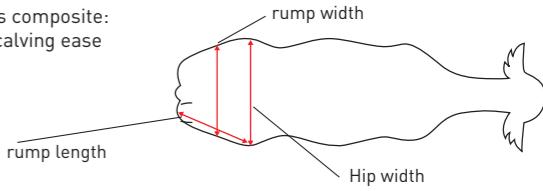
8 Elementary Linear Traits  
 with maximum score as the best one  
 average = 100 Standard deviation : ± 12

**Coopex**  
**MONTBELIARDE**  
 THE MONTBELIARDE WORLDWIDE

# Type traits Montbeliarde breed

## Rump composite

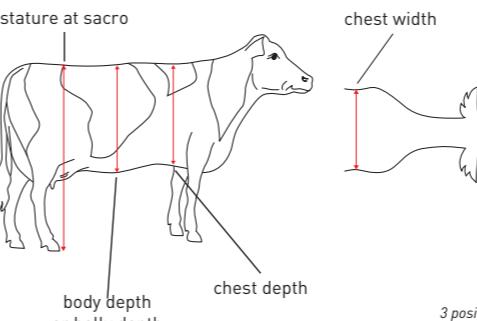
Goal of this composite: maternal calving ease



The average of the breed for most traits are 100, above means improvement

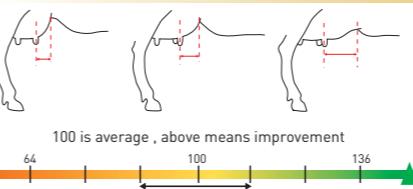
## Body composite (CO)

Goal of this composite = Capacity of roughage intake and carcass weight



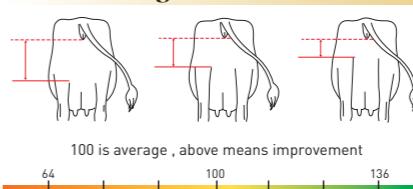
## Udder Composite

### Fore udder



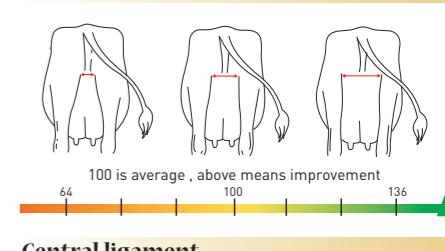
100 is average, above means improvement

### Rear udder height



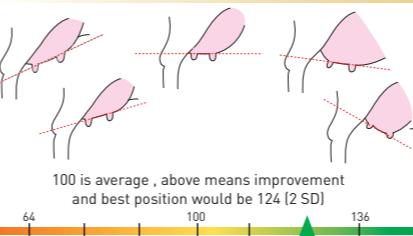
100 is average, above means improvement

### Rear Udder width

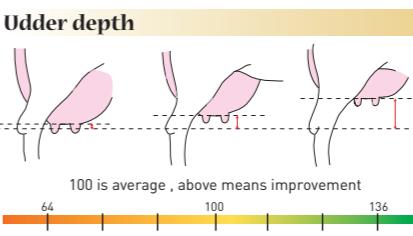


100 is average, above means improvement

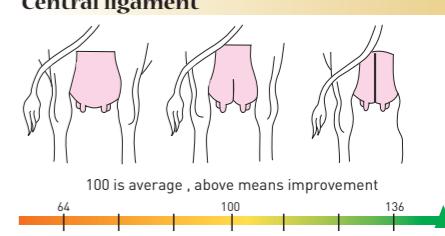
### Balance



100 is average, above means improvement and best position would be 124 (2 SD)



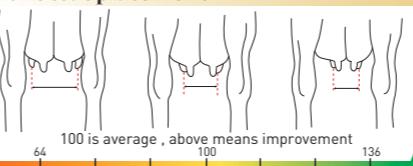
100 is average, above means improvement



100 is average, above means improvement

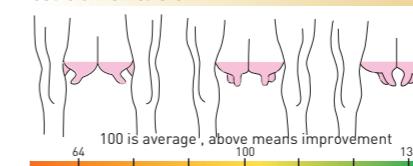
## Teat composite

### front teat placement



100 is average, above means improvement

### teat orientation



100 is average, above means improvement

### teat length



100 is best position

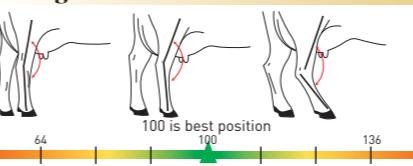
### Teat shape



100 is best position

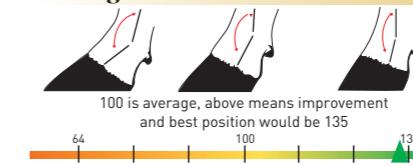
## Feet & Legs composite

### rear leg set



100 is best position

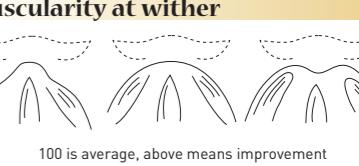
### Feet angle



100 is average, above means improvement and best position would be 135

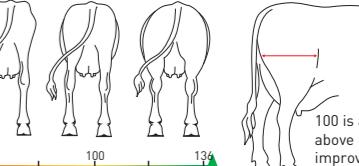
## Beef or muscularity (or body condition)

### muscularity at wither



100 is average, above means improvement

### muscularity at thigh



100 is average, above means improvement



Source: UPRA/Montbeliarde

# COOPEX BRINGS YOU THE BEST

# **TOP 3 ISU 100% COOPEX BULLS**

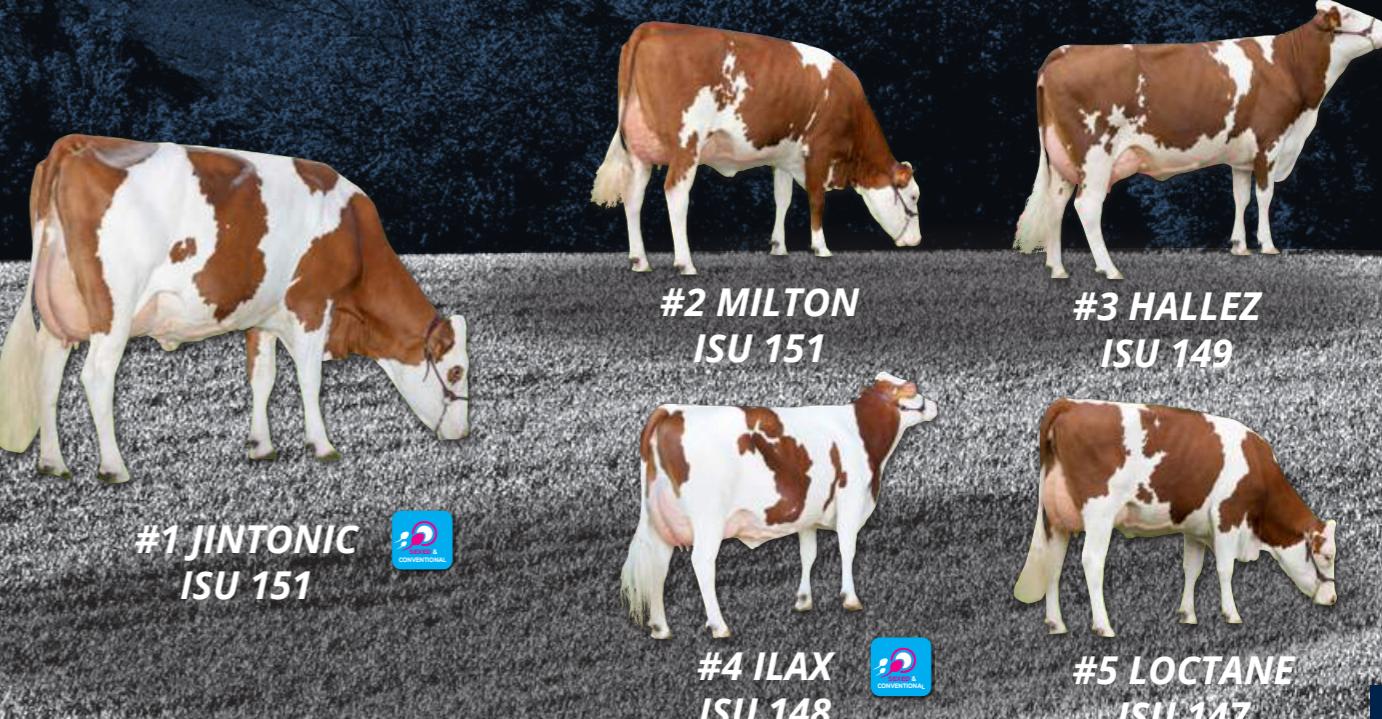


**#1 ONE MILLION**  
*Ticks all the boxes*  
Milk Solids Type Health

**#3 POMPILOP**

# TOP 5 MONTBELIARDE PROVEN BULLS

## 100% COOPEX BULLS



**#1 JINTONIC  
ISU 151**

**#2 MILTON  
ISU 151**

**#3 HALLEZ  
ISU 149**

**#4 ILAX  
ISU 148**

**#5 LOCTANE  
ISU 147**

TYPE	
	PIAGGIO
	NOELCERNEU
	PITTSBURGH
	OWINGS
	OSSITO
	PANCHO
	OGIVE
	POWERFULL
	MACINTOSH
	POLIBAY

UDDER	
	PIAGGIO
	NOELCERNEU
	POLIBAY
	OBERNAY
	PANCHO
	PUYMARY
	NIRVANAVR
	OGIVE
	MACINTOSH
	PITTSBURGH

<b>FEET &amp; LEGS</b>	
	JEREMIAH <b>129</b>
	JINTONIC <b>119</b>
	ELASTAR <b>118</b>
	PECORINO <b>117</b>
	ONEMILLION <b>116</b>
	POMPILOP <b>116</b>
	OSSITO <b>115</b>
	PACTOLE <b>114</b>
	OBERNAY <b>114</b>
	ILANNE <b>114</b>

# SCS

REPRODUCTION	
	ELASTAR
	PORTORICO
	MILTON
	OBERNAY
	NURSEN
	MINNESOTA
	PANGO
	ILANNE
	JEREMIAH
	PACTOLE

PRODUCTIVE LIFE	
	OWINGS
	NOELCERNEU
	OBERNAY
	ILANNE
	MILTON
	MINNESOTA
	PITTSBURGH
	ORCK
	OMALET
	INGENIO

MILK kg	
	HELUX
	LEBELOR
	ORCK
	OKARA
	PORTORICO
	PRETTO
	PANGO
	PARRAIN
	PECORINO
	OLIFLY
	<b>1114</b>
	<b>1080</b>
	<b>1076</b>
	<b>1068</b>
	<b>1046</b>
	<b>996</b>
	<b>978</b>
	<b>948</b>
	<b>939</b>
	<b>922</b>

PROTEIN %		
	NEUTRINO	0,34
	HALLEZ	0,27
	JINTONIC	0,26
	LOCTANE	0,24
	PETERPAN	0,2
	POMPILOP	0,17
	ONEMILLION	0,15
	PACTOLE	0,15
	PANCHO	0,15
	MACINTOSH	0,15

FAT %	
	NEUTRINO
	JINTONIC
	ELASTAR
	ONEMILLION
	PETERPAN
	POMPILOP
	HALLEZ
	PISCO
	PACTOLE
	MILTON

SEXED SEMEN AVAILABLE			
ISU	ISU	ISU	ISU
ONEMILLION	166	OMALET	153
PACTOLE	164	OWINGS	153
POMPILOP	158	PORTORICO	152
PITTSBURGH	157	POWERFULL	152
PRETTO	156	JINTONIC	151
ODYNO	155	ORCK	150
PALADIO	155	PIAGGIO	150
PANCHO	155	PUYMARY	150
PETERPAN	154	OMELO	149
NEUTRINO	153	ORATEUR	149
		PANGO	149
		PARRAIN	149
		ILAX	148
		NOELCERNEU	147
		OBERNAY	147
		POLIBAY	146
		ILANNE	145
		OVERBOARD	145
		OZONE	145
		NIRVANAVR	144
		OGIVE	144
		OLIFLY	144
		OFINS	142
		JEREMIAH	137
		OVALROMEY	137
		MINNESOTA	135
		HELUX	121

\*montbeliarde bull with ISU>120

# FIND THE BULLS WHICH SUIT YOU BEST

All bulls available on [www.coopex.com](http://www.coopex.com)

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### PRODUCTION

**HIGH MILK VOLUME TOP YIELD BULLS**



**HELUX**  
Milk +1114 kg

**LEBELOR**  
Milk +1084 kg

**ORCK**  
Milk +1076 kg

### SOLID'S

**HIGH FAT AND PROTEIN % CHEESE SPECIALIST**



**MACINTOSH**  
+0.15 %Prot. & +0.13% Fat

**JINTONIC**  
+104 Fat & Prot. kg

**POMPILOP**  
+0.17%Prot. & +0.27% Fat

### GRAZING

**MEDIUM SIZE COW / STRONG FEET & LEGS GOOD SOLIDS / HIGH FERTILITY**



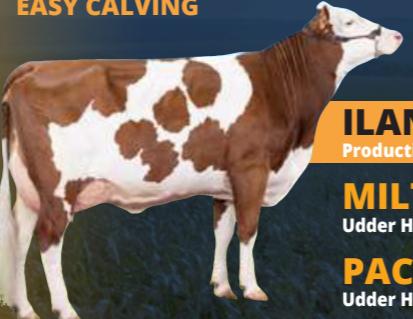
**JEREMIAH**  
#1 Montbeliard F&L

**ONEMILLION**  
#1 ISU Montbeliard

**PANCHO**  
Ideal Grazing Type

### HEALTH

**LEADER FOR FITNESS TRAITS / LOW SCC HIGH FERTILITY / EXCELLENT LONGEVITY EASY CALVING**



**ILANNE**  
Productive Life +1.4 / Very easy calving

**MILTON**  
Udder Health +1.3 / Fertility +1.3

**PACTOLE**  
Udder Health +1.3 / Very easy calving

### POWERFULL

**STRENGTH / HIGH BEEF VALUE / CHEST WIDTH IMPROVER / GOOD BODY CAPACITY**



**PITTSBURGH**  
BODY 120 / TYPE 125

**ILAX**  
TYPE 112

**LOOPI**  
BEEF VALUE 107

# CORTIL

PIOMBO | LINOU | GARDIAN - FR 2547072148 - aAa 432561



Ines, CORTIL daughter



<b>PRODUCTION</b>	Kappa Casein AB	Beta Casein A1A2
MILK (kg)	P (kg)	F (kg) P (%) F (%) digeR
+622	+20	+28 -0,01 +0,04 +1

Daughters 9524

Rel. 95%

### FUNCTIONAL

normal calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
99	122	89	93	
		-1	0	1 2
UDDER HEALTH		0,3		
FERTILITY		-0,4		
PRODUCTIVE LIFE		-0,2		

**TYPE** Daughters 5996 | Rel. 95% 88 100 112 124 102

BODY	102	
STATURE	103	
RUMP	97	
FEET & LEGS	101	
UDDER	103	
TEATS	96	
BEEF VALUE	98	
BEEF ABILITIES	1,1	

for fattening bulls 1 0 1 2

# CRASAT

REDON | MICMAC | GARDIAN - FR 3803078751 - aAa 465213



Famille, CRASAT daughter



<b>PRODUCTION</b>	Kappa Casein BB	Beta Casein A2A2
MILK (kg)	P (kg)	F (kg) P (%) F (%) digeR
+368	+22	+19 +0,14 +0,07 +1

Daughters 18050

Rel. 95%

### FUNCTIONAL

easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
109	100	91	92	
		-1	0	1 2
UDDER HEALTH		0,3		
FERTILITY		-1,7		
PRODUCTIVE LIFE		-0,4		

**TYPE** Daughters 10836 | Rel. 95% 88 100 112 124 107

BODY	101	
STATURE	97	
RUMP	89	
FEET & LEGS	111	
UDDER	109	
TEATS	104	
BEEF VALUE	112	
BEEF ABILITIES	0,4	

for fattening bulls 1 0 1 2

# ELASTAR

ROBIN | PERNAN | MICMAC - FR 0109015538 - aAa 423651



Herde, ELASTAR daughter



<b>PRODUCTION</b>	Kappa Casein AB	Beta Casein A1A2
MILK (kg)	P (kg)	F (kg) P (%) F (%) digeR
+382	+21	+42 +0,1 +0,32 +1,1

Daughters 5056

Rel. 95%

### FUNCTIONAL

easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTC / MIF
109	114	90	94	
		-1	0	1 2
UDDER HEALTH		-0,4		
FERTILITY		1,8		
PRODUCTIVE LIFE		0,6		

**TYPE** Daughters 2825 | Rel. 95% 88 100 112 124 94

BODY	73	
STATURE	83	
RUMP	92	
FEET & LEGS	118	
UDDER	108	
TEATS	103	
BEEF VALUE	86	
BEEF ABILITIES	0,6	

for fattening bulls 1 0 1 2

21

# HALLEZ

FUZZY | URBANISTE | PLUMITIF - FR 4241987481 - aAa 243615



Lunediebel Hallez daughter

# HELUX

FUEGO | TIPOLI | OXALIN - FR 7120053828 - aAa 435261



Macarena Helux daughter

# INGENIO

GENOTOP | BOY SCOUT | RAPALLO - FR 2527807548 - aAa 342156



Manouchka Ingenio daughter



ISU 149

PRODUCTION Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+205	+29	+27	+0,27	+0,25	-1,2

Daughters 3891  
Rel. 95%

FUNCTIONAL normal calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
110	96	87	91	-1 0 1 2

UDDER HEALTH	0	-1	0	1	2
FERTILITY	-0,2	-1	0	1	2
PRODUCTIVE LIFE	-0,1	-1	0	1	2

TYPE	Daughters 2960   Rel. 95%	88 100 112 124	115
BODY	113		
STATURE	110		
RUMP	119		
FEET & LEGS	99		
UDDER	112		
TEATS	111		
BEEF VALUE	94		
BEEF ABILITIES	0,1	-1	0 1 2

TYPE	Daughters 2960   Rel. 95%	88 100 112 124	115
BODY	113		
STATURE	110		
RUMP	119		
FEET & LEGS	99		
UDDER	112		
TEATS	111		
BEEF VALUE	94		
BEEF ABILITIES	0,1	-1	0 1 2



ISU 121

PRODUCTION Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+1114	+23	+39	-0,16	-0,08	+0,2

Daughters 4766  
Rel. 95%

FUNCTIONAL easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
108	125	91	93	-1 0 1 2

UDDER HEALTH	0,5	-1	0	1	2
FERTILITY	-0,7	-1	0	1	2
PRODUCTIVE LIFE	0	-1	0	1	2

TYPE	Daughters 2672   Rel. 95%	88 100 112 124	98
BODY	87		
STATURE	91		
RUMP	98		
FEET & LEGS	107		
UDDER	104		
TEATS	111		
BEEF VALUE	100		
BEEF ABILITIES	3,5	-1	0 1 2

TYPE	Daughters 2672   Rel. 95%	88 100 112 124	98
BODY	87		
STATURE	91		
RUMP	98		
FEET & LEGS	107		
UDDER	104		
TEATS	111		
BEEF VALUE	100		
BEEF ABILITIES	3,5	-1	0 1 2



ISU 139

PRODUCTION Kappa Casein AA | Beta Casein A1A1

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+549	+19	+12	+0	-0,13	-0,6

Daughters 2655  
Rel. 95%

FUNCTIONAL normal calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
102	102	89	94	-1 0 1 2

UDDER HEALTH	2	-1	0	1	2
FERTILITY	-0,3	-1	0	1	2
PRODUCTIVE LIFE	1,2	-1	0	1	2

TYPE	Daughters 1814   Rel. 95%	88 100 112 124	108
BODY	98		
STATURE	117		
RUMP	96		
FEET & LEGS	112		
UDDER	110		
TEATS	109		
BEEF VALUE	108		
BEEF ABILITIES	-0,1	-1	0 1 2

TYPE	Daughters 1814   Rel. 95%	88 100 112 124	108
BODY	98		
STATURE	117		
RUMP	96		
FEET & LEGS	112		
UDDER	110		
TEATS	109		
BEEF VALUE	108		
BEEF ABILITIES	-0,1	-1	0 1 2

# ILANNE

BRINK | CARTER | PERNAN - FR 0113019487 - aAa 435216



ISU

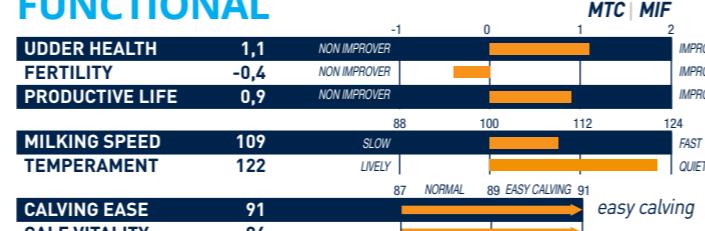
ISU  
148**PRODUCTION** Daughters 2247 | Rel. 95%

MILK	P kg	F kg	P%	F%	digeR
+611	+27	+30	+0,09	+0,07	0

Kappa Casein AB Beta Casein A1A2

**TYPE** Daughters 1365 | Rel. 95 %

		88	100	112	124	
<b>BODY</b>	<b>109</b>	POOR				EXCELLENT
STATURE	111	SHORT				TALL
CHEST WIDTH	107	NARROW				WIDE
BODY DEPTH	109	SHALLOW				DEEP
<b>RUMP</b>	<b>105</b>	POOR				EXCELLENT
RUMP LENGTH	111	SHORT				LONG
RUMP WIDTH	107	NARROW				WIDE
RUMP ANGLE	104	SLOPED				FAT
<b>FEET &amp; LEGS</b>	<b>107</b>	POOR				EXCELLENT
REAR LEG SET	93	STRAIGHT				SICKLE
FOOT ANGLE	98	LOW				STEEP
REAR LEGS REAR VIEW	105	OUTSIDE				INSIDE
<b>UDDER</b>	<b>110</b>	POOR				EXCELLENT
FORE UDDER	107	LOOSE				STRONG
REAR UDDER HEIGHT	114	LOW				HIGH
REAR UDDER WIDTH	95	NARROW				WIDE
UDDER DEPTH	113	DEEP				SHALLOW
UDDER BALANCE	107	MORE REAR				MORE FORE
UDDER CLEFT	101	WEAK				STRONG
FRONT TEAT PLACEMENT	114	WIDE				CLOSE
<b>TEATS</b>	<b>100</b>	POOR				EXCELLENT
TEAT LENGTH	96	LONG				SHORT
<b>BEEF VALUE</b>	<b>98</b>	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	-1,8	POOR				EXCELLENT

**FUNCTIONAL**

umotest@giorgiosoldi.it

**JEREMIAH**

HYPER | ELASTAR | SIR - FR 4974877914 - aAa 543162



ISU

137

**PRODUCTION** Daughters 838 | Rel. 95%

MILK	P kg	F kg	P%	F%	digeR
+450	+22	+30	+0,09	+0,13	+0,4

Kappa Casein AB Beta Casein A1A2

**TYPE** Daughters 397 | Rel. 95 %

		88	100	112	124	
<b>BODY</b>	<b>91</b>	POOR				EXCELLENT
STATURE	100	SHORT				TALL
CHEST WIDTH	92	NARROW				WIDE
BODY DEPTH	96	SHALLOW				DEEP
<b>RUMP</b>	<b>94</b>	POOR				EXCELLENT
RUMP LENGTH	85	SHORT				LONG
RUMP WIDTH	90	NARROW				WIDE
RUMP ANGLE	102	SLOPED				FLAT
<b>FEET &amp; LEGS</b>	<b>129</b>	POOR				EXCELLENT
REAR LEG SET	89	STRAIGHT				SICKLE
FOOT ANGLE	110	LOW				STEEP
REAR LEGS REAR VIEW	115	OUTSIDE				INSIDE
<b>UDDER</b>	<b>119</b>	POOR				EXCELLENT
FORE UDDER	138	LOOSE				STRONG
REAR UDDER HEIGHT	116	LOW				HIGH
REAR UDDER WIDTH	139	NARROW				WIDE
UDDER DEPTH	107	DEEP				SHALLOW
UDDER BALANCE	125	MORE REAR				MORE FORE
UDDER CLEFT	101	WEAK				STRONG
FRONT TEAT PLACEMENT	111	WIDE				CLOSE
<b>TEATS</b>	<b>89</b>	POOR				EXCELLENT
TEAT LENGTH	78	LONG				SHORT
<b>BEEF VALUE</b>	<b>95</b>	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	-0,2	POOR	-1	0	1	2

113

**FUNCTIONAL**

Ninouie, JEREMIAH daughter

umotest@giorgiosoldi.it

25

**JINTONIC**

HYPER | ROBIN | OXALIN - FR 2537229584 - aAa 345216



ISU

151

**PRODUCTION** Daughters 672 | Rel. 95%

MILK	P kg	F kg	P%	F%	digeR
+722	+46	+58	+0,26	+0,37	-0,2

Kappa Casein AB Beta Casein A1A2

**TYPE** Daughters 324 | Rel. 95 %

		88	100	112	124	
<b>BODY</b>	<b>85</b>	POOR				EXCELLENT
STATURE	102	SHORT				TALL
CHEST WIDTH	87	NARROW				WIDE
BODY DEPTH	93	SHALLOW				DEEP
<b>RUMP</b>	<b>100</b>	POOR				EXCELLENT
RUMP LENGTH	99	SHORT				LONG
RUMP WIDTH	104	NARROW				WIDE
RUMP ANGLE	104	SLOPED				FLAT
<b>FEET &amp; LEGS</b>	<b>119</b>	POOR				EXCELLENT
REAR LEG SET	97	STRAIGHT				SICKLE
FOOT ANGLE	91	LOW				STEEP
REAR LEGS REAR VIEW	118	OUTSIDE				INSIDE
<b>UDDER</b>	<b>103</b>	POOR				EXCELLENT
FORE UDDER	105	LOOSE				STRONG
REAR UDDER HEIGHT	112	LOW				HIGH
REAR UDDER WIDTH	119	NARROW				WIDE
UDDER DEPTH	92	DEEP				SHALLOW
UDDER BALANCE	119	MORE REAR				MORE FORE
UDDER CLEFT	106	WEAK				STRONG
FRONT TEAT PLACEMENT	90	WIDE				CLOSE
<b>TEATS</b>	<b>91</b>	POOR				EXCELLENT
TEAT LENGTH	81	LONG				SHORT
<b>BEEF VALUE</b>	<b>91</b>	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	-0,1	POOR	-1	0	1	2

99

**FUNCTIONAL**

# LOOPI

BRINK | CRASAT | PERNAN - FR 2534591940 - aAa 531462



ISU  
143

## PRODUCTION Daughters 92 | Rel. 91%

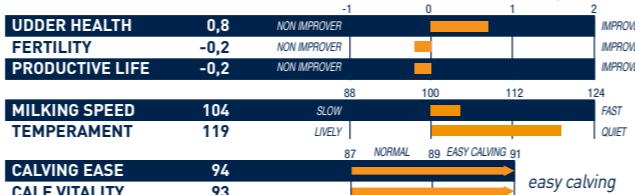
MILK	P kg	F kg	P%	F%	digeR
+730	+29	+43	+0,04	+0,18	-0,2

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 61 | Rel. 90 %

			88	100	112	124
<b>BODY</b>	<b>104</b>	<b>POOR</b>				
STATURE	94	SHORT				
CHEST WIDTH	109	NARROW				
BODY DEPTH	103	SHALLOW				
<b>RUMP</b>	<b>95</b>	<b>POOR</b>				
RUMP LENGTH	90	SHORT				
RUMP WIDTH	86	NARROW				
RUMP ANGLE	102	SLOPED				
<b>FEET &amp; LEGS</b>	<b>100</b>	<b>POOR</b>				
REAR LEG SET	115	STRAIGHT				
FOOT ANGLE	80	LOW				
REAR LEGS REAR VIEW	93	OUTSIDE				
<b>UDDER</b>	<b>109</b>	<b>POOR</b>				
FORE UDDER	111	LOOSE				
REAR UDDER HEIGHT	116	LOW				
REAR UDDER WIDTH	117	NARROW				
UDDER DEPTH	118	DEEP				
UDDER BALANCE	115	MORE REAR				
UDDER CLEFT	58	WEAK				
FRONT TEAT PLACEMENT	91	WIDE				
<b>TEATS</b>	<b>111</b>	<b>POOR</b>				
TEAT LENGTH	99	LONG				
<b>BEEF VALUE</b>	<b>107</b>	<b>POOR</b>				
BEEF ABILITIES for fattening bulls	0,7	POOR	-1	0	1	2

## FUNCTIONAL



Orange, LOOPI daughter

# LOCTANE

HISTONE | REDON | OCTAVE JB - FR 6359325816 - aAa 543261



ISU  
147

## PRODUCTION Daughters 223 | Rel. 95%

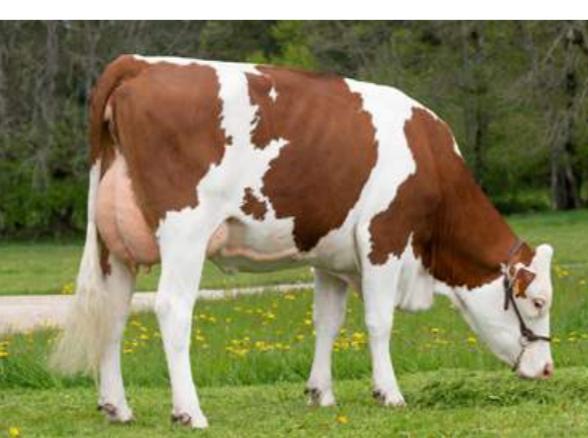
MILK	P kg	F kg	P%	F%	digeR
+217	+27	+8	+0,24	+0,01	+0,2

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 106 | Rel. 93 %

			88	100	112	124
<b>BODY</b>	<b>103</b>	<b>POOR</b>				
STATURE	109	SHORT				
CHEST WIDTH	96	NARROW				
BODY DEPTH	101	SHALLOW				
<b>RUMP</b>	<b>102</b>	<b>POOR</b>				
RUMP LENGTH	94	SHORT				
RUMP WIDTH	97	NARROW				
RUMP ANGLE	96	SLOPED				
<b>FEET &amp; LEGS</b>	<b>98</b>	<b>POOR</b>				
REAR LEG SET	87	STRAIGHT				
FOOT ANGLE	105	LOW				
REAR LEGS REAR VIEW	91	OUTSIDE				
<b>UDDER</b>	<b>105</b>	<b>POOR</b>				
FORE UDDER	102	LOOSE				
REAR UDDER HEIGHT	106	LOW				
REAR UDDER WIDTH	106	NARROW				
UDDER DEPTH	109	DEEP				
UDDER BALANCE	102	MORE REAR				
UDDER CLEFT	82	WEAK				
FRONT TEAT PLACEMENT	111	WIDE				
<b>TEATS</b>	<b>107</b>	<b>POOR</b>				
TEAT LENGTH	108	LONG				
<b>BEEF VALUE</b>	<b>99</b>	<b>POOR</b>				
BEEF ABILITIES for fattening bulls	1	POOR	-1	0	1	2

## FUNCTIONAL



Oseille, LOCTANE daughter

# LEBELOR

HELUX | FAYA | TRIOMPHE - FR 7402625211 - aAa 453621



Hayatre LEBELOR Dam



ISU  
121

## PRODUCTION Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 321
+1080	+20	+37	-0,17	-0,08	+0,4	Daughters 321 Rel. 95%

## FUNCTIONAL easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
109	131	91	95	-1 0 1 2
UDDER HEALTH	0			
FERTILITY	0,1			
PRODUCTIVE LIFE	0,4			

## TYPE Daughters 161 | Rel. 95%

	88	100	112	124
<b>BODY</b>	<b>84</b>			
STATURE	97			
RUMP	100			
FEET & LEGS	107			
UDDER	110			
TEATS	113			
<b>BEEF VALUE</b>	<b>92</b>			
BEEF ABILITIES for fattening bulls	2,3	-1	0	1 2



ISU  
123

## PRODUCTION Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 100
+375	+13	+19	+0,01	+0,04	-0,1	Daughters 100 Rel. 90%

## FUNCTIONAL easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
102	112	91	94	-1 0 1 2
UDDER HEALTH	0,8			
FERTILITY	-0			

# MACINTOSH

HALLEZ | BRINK | VIGOR JB - FR 5619370036 - aAa 432561



ISU  
145

## PRODUCTION Daughters 44 | Rel. 85%

MILK	P kg	F kg	P%	F%	digeR
+442	+25	+27	+0,15	+0,13	-0,1

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 52 | Rel. 89 %

	106	POOR	88	100	112	124	EXCELLENT
BODY	107	SHORT					TALL
STATURE	100	NARROW					WIDE
CHEST WIDTH	103	SHALLOW					DEEP
RUMP	109	POOR					EXCELLENT
RUMP LENGTH	104	SHORT					LONG
RUMP WIDTH	114	NARROW					WIDE
RUMP ANGLE	86	SLOPED					FAT
FEET & LEGS	108	POOR					EXCELLENT
REAR LEG SET	100	STRAIGHT					SICKLE
FOOT ANGLE	102	LOW					STEEP
REAR LEGS REAR VIEW	109	OUTSIDE					INSIDE
UDDER	124	POOR					EXCELLENT
FORE UDDER	114	LOOSE					STRONG
REAR UDDER HEIGHT	115	LOW					HIGH
REAR UDDER WIDTH	107	NARROW					WIDE
UDDER DEPTH	101	DEEP					SHALLOW
UDDER BALANCE	137	MORE REAR					MORE FORE
UDDER CLEFT	108	WEAK					STRONG
FRONT TEAT PLACEMENT	115	WIDE					CLOSE
TEATS	112	POOR					EXCELLENT
TEAT LENGTH	116	LONG					SHORT
BEEF VALUE	95	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	0,4	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



umotest@giorgiosoldi.it

# MILTON

INGENIO | BRINK | UGOSTAR - FR 0116003935 - aAa 561423



ISU

151

## PRODUCTION Daughters 126 | Rel. 92%

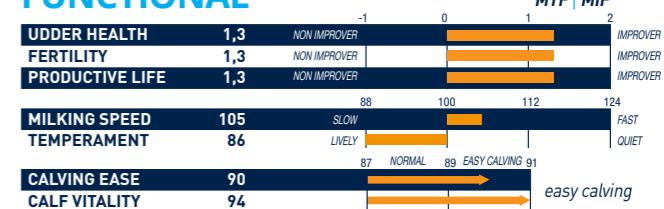
MILK	P kg	F kg	P%	F%	digeR
+83	+13	+17	+0,13	+0,18	+0,5

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 115 | Rel. 93 %

	107	POOR	88	100	112	124	EXCELLENT
BODY	111	SHORT					TALL
STATURE	103	NARROW					WIDE
CHEST WIDTH	106	SHALLOW					DEEP
RUMP	100	POOR					EXCELLENT
RUMP LENGTH	102	SHORT					LONG
RUMP WIDTH	86	NARROW					WIDE
RUMP ANGLE	105	SLOPED					FLAT
FEET & LEGS	112	POOR					EXCELLENT
REAR LEG SET	86	STRAIGHT					SICKLE
FOOT ANGLE	106	LOW					STEEP
REAR LEGS REAR VIEW	111	OUTSIDE					INSIDE
UDDER	118	POOR					EXCELLENT
FORE UDDER	109	LOOSE					STRONG
REAR UDDER HEIGHT	104	LOW					HIGH
REAR UDDER WIDTH	96	NARROW					WIDE
UDDER DEPTH	128	DEEP					SHALLOW
UDDER BALANCE	124	MORE REAR					MORE FORE
UDDER CLEFT	92	WEAK					STRONG
FRONT TEAT PLACEMENT	114	WIDE					CLOSE
TEATS	109	POOR					EXCELLENT
TEAT LENGTH	115	LONG					SHORT
BEEF VALUE	107	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	-0,3	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



29

# MINNESOTA

IRKHAN | ENZO ROCS | URBANISTE - FR 8843770629 - aAa 315246



ISU

135

## PRODUCTION Daughters 60 | Rel. 87%

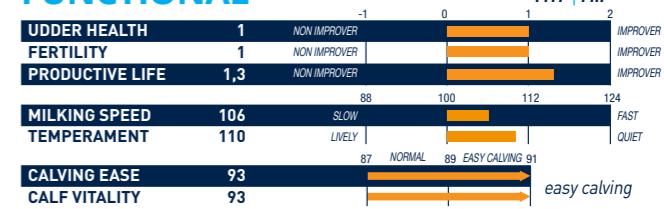
MILK	P kg	F kg	P%	F%	digeR
+493	+14	+4	+0,03	+0,19	+0,8

Kappa Casein BB Beta Casein A1A2

## TYPE Daughters 43 | Rel. 87 %

	103	POOR	88	100	112	124	EXCELLENT
BODY	108	SHORT					TALL
STATURE	107	NARROW					WIDE
CHEST WIDTH	100	SHALLOW					DEEP
RUMP	106	POOR					EXCELLENT
RUMP LENGTH	117	SHORT					LONG
RUMP WIDTH	115	NARROW					WIDE
RUMP ANGLE	99	SLOPED					FLAT
FEET & LEGS	97	POOR					EXCELLENT
REAR LEG SET	103	STRAIGHT					SICKLE
FOOT ANGLE	103	LOW					STEEP
REAR LEGS REAR VIEW	93	OUTSIDE					INSIDE
UDDER	112	POOR					EXCELLENT
FORE UDDER	111	LOOSE					STRONG
REAR UDDER HEIGHT	100	LOW					HIGH
REAR UDDER WIDTH	100	NARROW					WIDE
UDDER DEPTH	114	DEEP					SHALLOW
UDDER BALANCE	113	MORE REAR					MORE FORE
UDDER CLEFT	94	WEAK					STRONG
FRONT TEAT PLACEMENT	119	WIDE					CLOSE
TEATS	108	POOR					EXCELLENT
TEAT LENGTH	105	LONG					SHORT
BEEF VALUE	97	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	-1	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



# NANISS

JARNAL | HELUX | UNIMAC - FR 0118008754 - aAa 513642



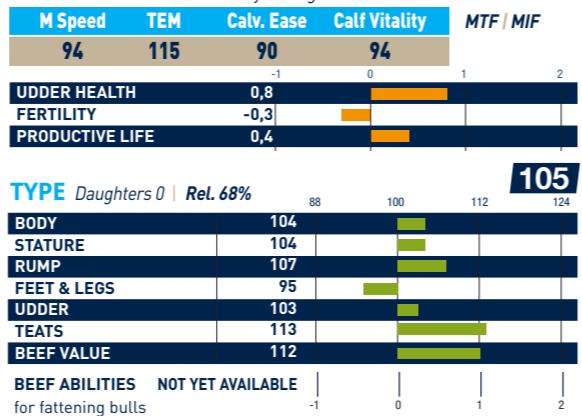
ISU 143

**PRODUCTION** Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+875	+30	+41	+0,12	+0,07	+0,3

Daughters 0  
Rel. 69%

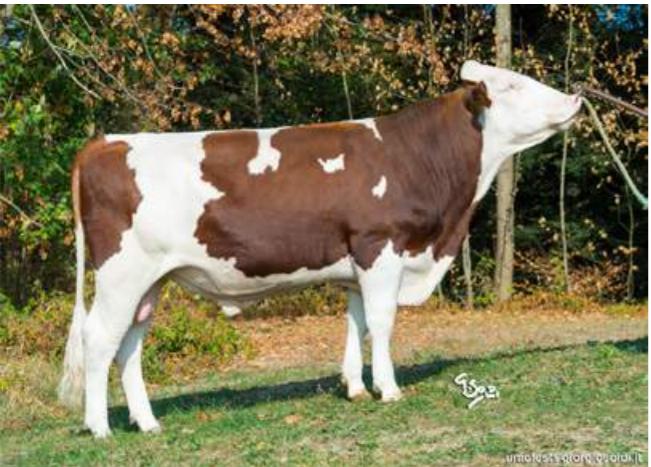
**FUNCTIONAL** easy calving



Loterie (HELUX) NANISS Dam

# NASCAR

JOLIMOME | HOBBIT | CORTIL - FR 6868671111 - aAa 432561



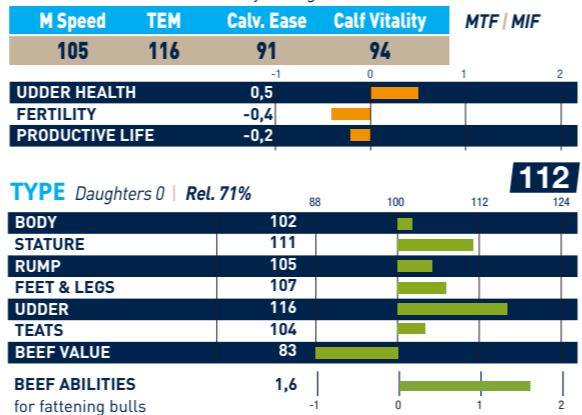
ISU 128

**PRODUCTION** Kappa Casein BB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+708	+18	+26	-0,02	+0,05	-0,3

Daughters 0  
Rel. 72%

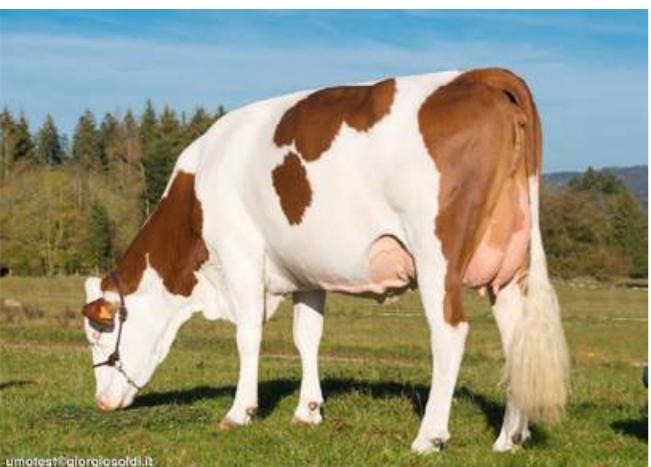
**FUNCTIONAL** easy calving



30

# NEKFEU

JOMBRIK JB | GIOVANNI | ULEMO - FR 2523746911 - aAa 135246



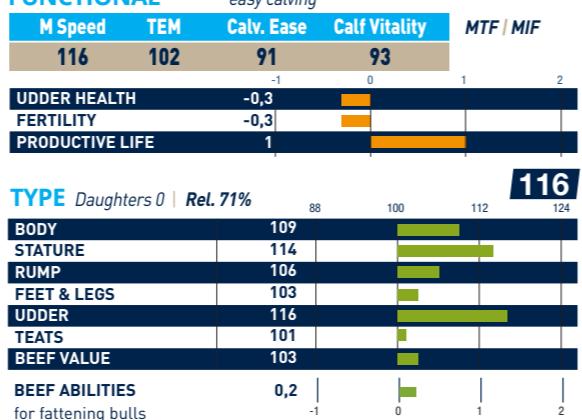
ISU 134

**PRODUCTION** Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR
+735	+22	+27	-0,03	-0,02	0

Daughters 0  
Rel. 72%

**FUNCTIONAL** easy calving



Juvamine (GIOVANNI) NEKFEU Dam

umotest@giorgiosoldi.it

# NEUTRINO

JILBEER | FADIL | ROBIN - FR 3803364134 - aAa 513462



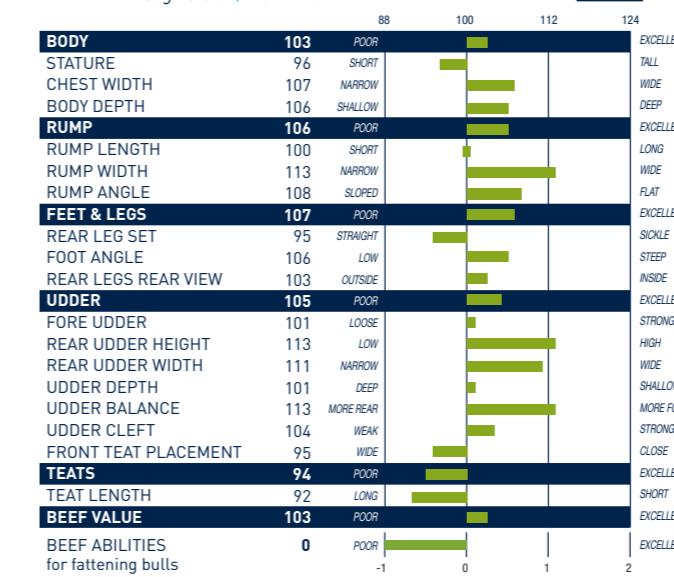
ISU 153

**PRODUCTION** Daughters 0 | Rel. 72%

MILK	P kg	F kg	P %	F %	digeR
+246	+33	+42	+0,34	+0,37	+1

Kappa Casein BB Beta Casein A2A2

**TYPE** Daughters 0 | Rel. 71 %



**FUNCTIONAL**

UDDER HEALTH	-0,1	NON IMPROVER	-1	0	1	2	MTF   MIF
FERTILITY	0,2	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	0,3	NON IMPROVER					IMPROVER
MILKING SPEED	101	SLOW					FAST
TEMPERAMENT	107	LIVELY					QUIET
CALVING EASE	89	NORMAL	87	89	EASY CALVING	91	normal calving
CALF VITALITY	93						easy calving



Idée (FADIL), Neutrino Dam

31

# NIRVANA VR

FADIL | CARGO | RALBAN - FR 7040355837 - aAa 462531



ISU 144

**PRODUCTION** Daughters 0 | Rel. 72%

MILK	P kg	F kg	P %	F %	digeR
+636	+29	+36	+0,1	+0,07	+1,5

Kappa Casein AA Beta Casein A1A2

**TYPE** Daughters 0 | Rel. 71 %



# NOELCERNEU

CARGO | ELASTAR | URBANISTE - FR 2541643919 - aAa 243615



ISU  
147

## PRODUCTION Daughters 0 | Rel. 71%

MILK	P kg	F kg	P%	F%	digeR
+568	+15	+27	-0,03	+0,02	+0,2

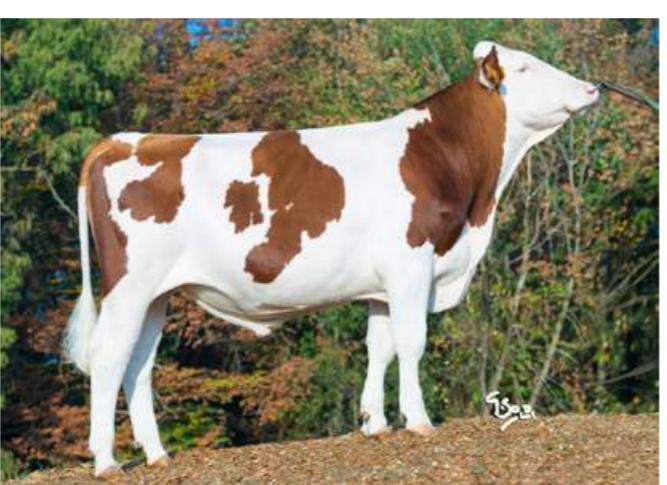
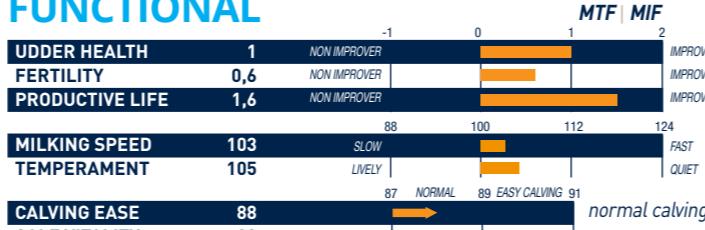
Kappa Casein AA Beta Casein A1A1

## TYPE Daughters 0 | Rel. 71 %

129

BODY	112	POOR	88	100	112	124	EXCELLENT
STATURE	112	SHORT					TALL
CHEST WIDTH	110	NARROW					WIDE
BODY DEPTH	103	SHALLOW					DEEP
RUMP	107	POOR					EXCELLENT
RUMP LENGTH	113	SHORT					LONG
RUMP WIDTH	109	NARROW					WIDE
RUMP ANGLE	105	SLOPED					FAT
FEET & LEGS	107	POOR					EXCELLENT
REAR LEG SET	98	STRAIGHT					SICKLE
FOOT ANGLE	100	LOW					STEEP
REAR LEGS REAR VIEW	115	OUTSIDE					INSIDE
UDDER	134	POOR					EXCELLENT
FORE UDDER	132	LOOSE					STRONG
REAR UDDER HEIGHT	104	LOW					HIGH
REAR UDDER WIDTH	129	NARROW					WIDE
UDDER DEPTH	116	DEEP					SHALLOW
UDDER BALANCE	150	MORE REAR					MORE FORE
UDDER CLEFT	125	WEAK					STRONG
FRONT TEAT PLACEMENT	132	WIDE					CLOSE
TEATS	102	POOR					EXCELLENT
TEAT LENGTH	109	LONG					SHORT
BEEF VALUE	97	POOR					EXCELLENT
BEEF ABILITIES	-0,6	POOR	-1	0	1	2	for fattening bulls

## FUNCTIONAL



# NURSEN

JEBOLAN | HYPER | ELASTAR - FR 5383678557 - aAa 561432

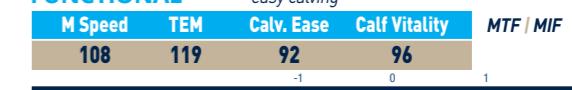


ISU 139

## PRODUCTION Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+337	+15	+22	+0,05	+0,04	+0,6	Rel. 72%

## FUNCTIONAL easy calving



TYPE Daughters 0 | Rel. 71% 108

BODY	99	
STATURE	98	
RUMP	106	
FEET & LEGS	104	
UDDER	110	
TEATS	94	
BEEF VALUE	99	
BEEF ABILITIES	-0,2	
for fattening bulls	-1	0 1 2

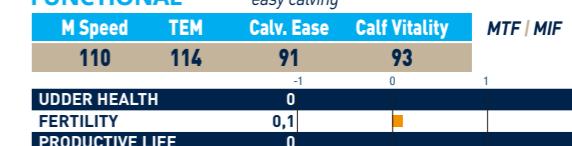


ISU 137

## PRODUCTION Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+514	+20	+31	+0,1	+0,08	-0,7	Rel. 72%

## FUNCTIONAL easy calving



TYPE Daughters 0 | Rel. 71% 116

BODY	118	
STATURE	107	
RUMP	102	
FEET & LEGS	108	
UDDER	108	
TEATS	99	
BEEF VALUE	112	
BEEF ABILITIES	0	
for fattening bulls	-1	0 1 2

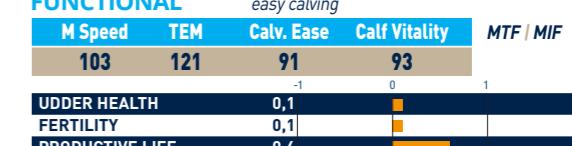


ISU 142

## PRODUCTION Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+483	+24	+28	+0,04	+0,05	-1,1	Rel. 70%

## FUNCTIONAL easy calving



TYPE Daughters 0 | Rel. 69% 119

BODY	116	
STATURE	114	
RUMP	110	
FEET & LEGS	101	
UDDER	118	
TEATS	106	
BEEF VALUE	87	
BEEF ABILITIES	NOT YET AVAILABLE	
for fattening bulls	-1	0 1 2

# OBERNAY

MILTON | HITECH | FELINDRA - FR 2535192145 - aAa 645123



ISU  
147

## PRODUCTION Daughters 0 | Rel. 71%

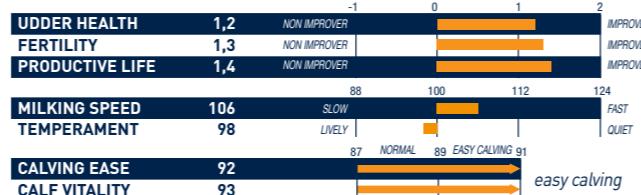
MILK	P kg	F kg	P%	F%	digeR
+365	+13	+18	+0,06	+0,08	-1,1

Kappa Casein AB Beta Casein A1A1

## TYPE Daughters 0 | Rel. 70 %

<b>BODY</b>	<b>91</b>	<b>POOR</b>				
STATURE	100	SHORT				
CHEST WIDTH	94	NARROW				
BODY DEPTH	93	SHALLOW				
<b>RUMP</b>	<b>101</b>	<b>POOR</b>				
RUMP LENGTH	90	SHORT				
RUMP WIDTH	87	NARROW				
RUMP ANGLE	104	SLOPED				
<b>FEET &amp; LEGS</b>	<b>114</b>	<b>POOR</b>				
REAR LEG SET	83	STRAIGHT				
FOOT ANGLE	108	LOW				
REAR LEGS REAR VIEW	126	OUTSIDE				
<b>UDDER</b>	<b>127</b>	<b>POOR</b>				
FORE UDDER	115	LOOSE				
REAR UDDER HEIGHT	121	LOW				
REAR UDDER WIDTH	96	NARROW				
UDDER DEPTH	119	DEEP				
UDDER BALANCE	139	MORE REAR				
UDDER CLEFT	106	WEAK				
FRONT TEAT PLACEMENT	112	WIDE				
<b>TEATS</b>	<b>109</b>	<b>POOR</b>				
TEAT LENGTH	118	LONG				
<b>BEEF VALUE</b>	<b>106</b>	<b>POOR</b>				
BEEF ABILITIES for fattening bulls	ND	POOR				

## FUNCTIONAL



Isadora (FELINDRA), OBERNAY Gran Dam

# ODYNO

MINNESOTA | JOYLAND | EPONA - FR 2538152328 - aAa 135246



ISU  
155

## PRODUCTION Daughters 0 | Rel. 71%

MILK	P kg	F kg	P%	F%	digeR
+828	+28	+30	+0,02	-0,04	-0,3

Kappa Casein BB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 70 %

<b>BODY</b>	<b>109</b>	<b>POOR</b>				
STATURE	114	SHORT				
CHEST WIDTH	116	NARROW				
BODY DEPTH	99	SHALLOW				
<b>RUMP</b>	<b>105</b>	<b>POOR</b>				
RUMP LENGTH	114	SHORT				
RUMP WIDTH	119	NARROW				
RUMP ANGLE	101	SLOPED				
<b>FEET &amp; LEGS</b>	<b>103</b>	<b>POOR</b>				
REAR LEG SET	101	STRAIGHT				
FOOT ANGLE	109	LOW				
REAR LEGS REAR VIEW	95	OUTSIDE				
<b>UDDER</b>	<b>118</b>	<b>POOR</b>				
FORE UDDER	120	LOOSE				
REAR UDDER HEIGHT	102	LOW				
REAR UDDER WIDTH	102	NARROW				
UDDER DEPTH	119	DEEP				
UDDER BALANCE	126	MORE REAR				
UDDER CLEFT	115	WEAK				
FRONT TEAT PLACEMENT	113	WIDE				
<b>TEATS</b>	<b>102</b>	<b>POOR</b>				
TEAT LENGTH	89	LONG				
<b>BEEF VALUE</b>	<b>105</b>	<b>POOR</b>				
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2 EXCELLENT

## FUNCTIONAL



Melba (JOYLAND), ODYNO Dam

# OCELOT

MILTON | HUMMER | FUZZY - FR 4316214054 - aAa 324156



ISU  
155

## PRODUCTION Daughters 0 | Rel. 71%

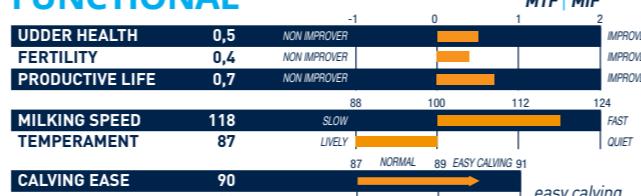
MILK	P kg	F kg	P%	F%	digeR
+556	+29	+26	+0,1	+0,06	-0,5

Kappa Casein AA Beta Casein A1A1

## TYPE Daughters 0 | Rel. 70 %

<b>BODY</b>	<b>110</b>	<b>POOR</b>				
STATURE	116	SHORT				
CHEST WIDTH	107	NARROW				
BODY DEPTH	112	SHALLOW				
<b>RUMP</b>	<b>101</b>	<b>POOR</b>				
RUMP LENGTH	115	SHORT				
RUMP WIDTH	93	NARROW				
RUMP ANGLE	111	SLOPED				
<b>FEET &amp; LEGS</b>	<b>110</b>	<b>POOR</b>				
REAR LEG SET	94	STRAIGHT				
FOOT ANGLE	112	LOW				
REAR LEGS REAR VIEW	115	OUTSIDE				
<b>UDDER</b>	<b>117</b>	<b>POOR</b>				
FORE UDDER	109	LOOSE				
REAR UDDER HEIGHT	102	LOW				
REAR UDDER WIDTH	114	NARROW				
UDDER DEPTH	127	DEEP				
UDDER BALANCE	125	MORE REAR				
UDDER CLEFT	93	WEAK				
FRONT TEAT PLACEMENT	113	WIDE				
<b>TEATS</b>	<b>104</b>	<b>POOR</b>				
TEAT LENGTH	96	LONG				
<b>BEEF VALUE</b>	<b>107</b>	<b>POOR</b>				
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2 EXCELLENT

## FUNCTIONAL



Marquise (HUMMER), OCELOT Dam

Herbale (EPONA) ODYNO Gran Dam



# OGIVE

MILTON | GLOIR | FOCILLON - FR 7402760042 - aAa 156324



ISU  
144

## PRODUCTION Daughters 0 | Rel. 71%

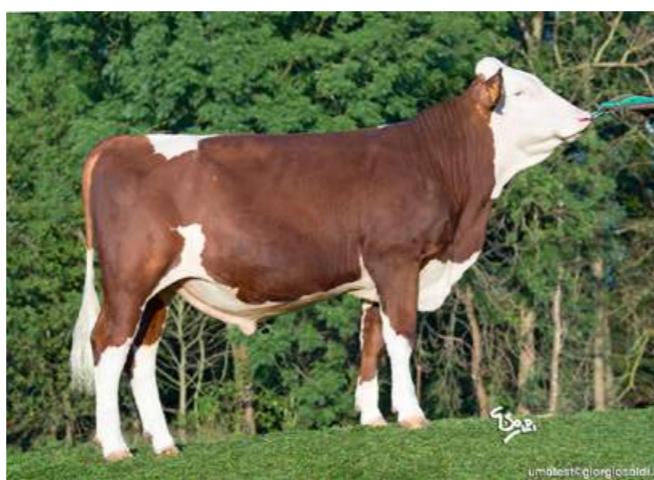
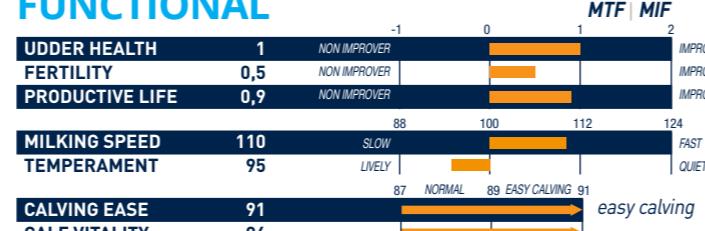
MILK	P kg	F kg	P%	F%	digeR
+442	+14	+24	+0,06	+0,13	+0,4

Kappa Casein AA Beta Casein A1A1

## TYPE Daughters 0 | Rel. 70 %

	109	POOR	88	100	112	124	EXCELLENT
BODY	109	POOR	88	100	112	124	EXCELLENT
STATURE	104	SHORT					TALL
CHEST WIDTH	111	NARROW					WIDE
BODY DEPTH	108	SHALLOW					DEEP
RUMP	106	POOR					EXCELLENT
RUMP LENGTH	109	SHORT					LONG
RUMP WIDTH	105	NARROW					WIDE
RUMP ANGLE	97	SLOPED					FAT
FEET & LEGS	103	POOR					EXCELLENT
REAR LEG SET	107	STRAIGHT					SICKLE
FOOT ANGLE	109	LOW					STEEP
REAR LEGS REAR VIEW	110	OUTSIDE					INSIDE
UDDER	126	POOR					EXCELLENT
FORE UDDER	116	LOOSE					STRONG
REAR UDDER HEIGHT	117	LOW					HIGH
REAR UDDER WIDTH	110	NARROW					WIDE
UDDER DEPTH	127	DEEP					SHALLOW
UDDER BALANCE	125	MORE REAR					MORE FORE
UDDER CLEFT	108	WEAK					STRONG
FRONT TEAT PLACEMENT	118	WIDE					CLOSE
TEATS	107	POOR					EXCELLENT
TEAT LENGTH	107	LONG					SHORT
BEEF VALUE	103	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



OGIVE



# OKARA

MACINTOSH | HARPER | VALFIN JB - FR 6366109930 - aAa 423561



ISU

153

## PRODUCTION Daughters 0 | Rel. 70%

MILK	P kg	F kg	P%	F%	digeR
+1068	+38	+42	+0,1	-0,02	-1,4

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 70 %

	99	POOR	88	100	112	124	EXCELLENT
BODY	99	POOR	88	100	112	124	EXCELLENT
STATURE	108	SHORT					TALL
CHEST WIDTH	95	NARROW					WIDE
BODY DEPTH	101	SHALLOW					DEEP
RUMP	97	POOR					EXCELLENT
RUMP LENGTH	94	SHORT					LONG
RUMP WIDTH	94	NARROW					WIDE
RUMP ANGLE	92	SLOPED					FLAT
FEET & LEGS	108	POOR					EXCELLENT
REAR LEG SET	97	STRAIGHT					SICKLE
FOOT ANGLE	92	LOW					STEEP
REAR LEGS REAR VIEW	113	OUTSIDE					INSIDE
UDDER	119	POOR					EXCELLENT
FORE UDDER	111	LOOSE					STRONG
REAR UDDER HEIGHT	113	LOW					HIGH
REAR UDDER WIDTH	113	NARROW					WIDE
UDDER DEPTH	98	DEEP					SHALLOW
UDDER BALANCE	125	MORE REAR					MORE FORE
UDDER CLEFT	122	WEAK					STRONG
FRONT TEAT PLACEMENT	113	WIDE					CLOSE
TEATS	100	POOR					EXCELLENT
TEAT LENGTH	106	LONG					SHORT
BEEF VALUE	90	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	0,8	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



OKARA

# OLIFLY

LELABEL | IMPEC | FAVOUR - FR 5347751667 - aAa 135642



ISU

144

## PRODUCTION Daughters 0 | Rel. 72%

MILK	P kg	F kg	P%	F%	digeR
+922	+29	+34	+0,03	-0,12	+0,5

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 71 %

	102	POOR	88	100	112	124	EXCELLENT
BODY	102	POOR	88	100	112	124	EXCELLENT
STATURE	108	SHORT					TALL
CHEST WIDTH	94	NARROW					WIDE
BODY DEPTH	108	SHALLOW					DEEP
RUMP	104	POOR					EXCELLENT
RUMP LENGTH	106	SHORT					LONG
RUMP WIDTH	92	NARROW					WIDE
RUMP ANGLE	104	SLOPED					FLAT
FEET & LEGS	110	POOR					EXCELLENT
REAR LEG SET	94	STRAIGHT					SICKLE
FOOT ANGLE	97	LOW					STEEP
REAR LEGS REAR VIEW	117	OUTSIDE					INSIDE
UDDER	112	POOR					EXCELLENT
FORE UDDER	118	LOOSE					STRONG
REAR UDDER HEIGHT	111	LOW					HIGH
REAR UDDER WIDTH	114	NARROW					WIDE
UDDER DEPTH	110	DEEP					SHALLOW
UDDER BALANCE	108	MORE REAR					MORE FORE
UDDER CLEFT	107	WEAK					STRONG
FRONT TEAT PLACEMENT	109	WIDE					CLOSE
TEATS	100	POOR					EXCELLENT
TEAT LENGTH	103	LONG					SHORT
BEEF VALUE	93	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	0,6	POOR	-1	0	1	2	EXCELLENT

# OLHAC

**MONBEGON | HUMMER | FUZZY** - FR 2520251707 - aAa 243561



ULHAC

# OLISTER

**LANISTER | CARGO | UROCHER** - FR 3535223126 - aAa 426561



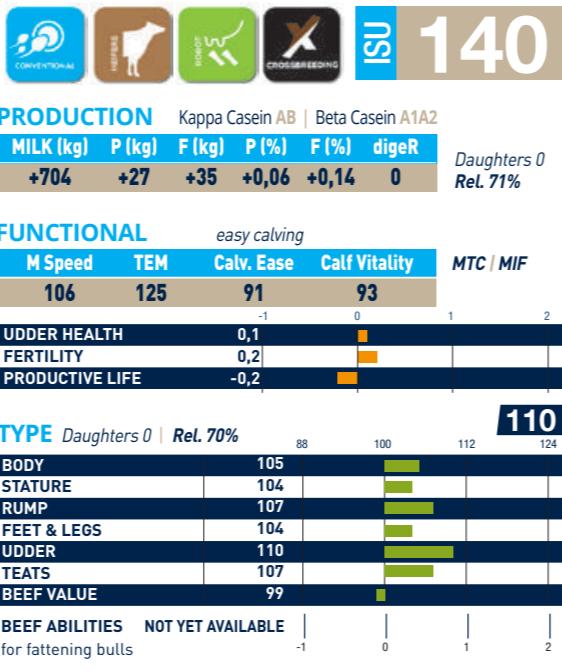
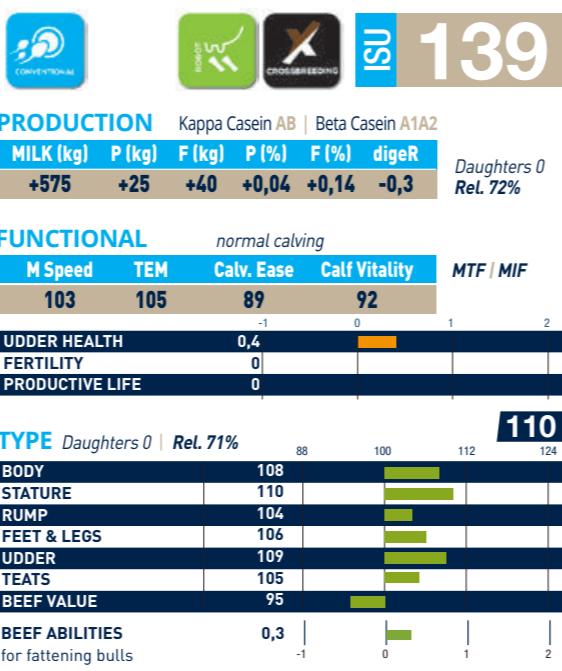
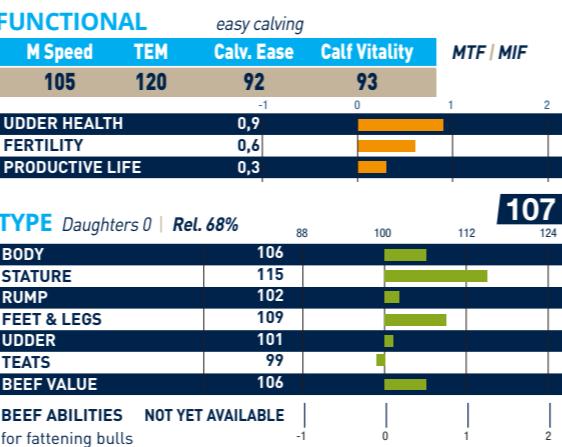
OLISTER

# OLIVO

**MALOR | INVIVO | BRINK** - FR 2525973743 - aAa 561423

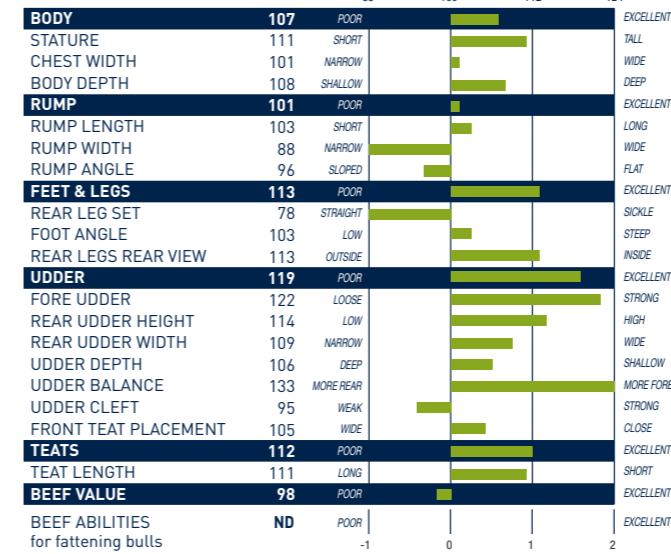
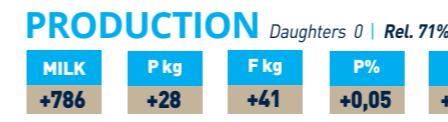


Metalica (NWVO), OLIVO Dam



# OMALET

**MILTON | HELUX | CORTIL** - FR 7033830761 - aAa 564123



*Macarena (HELUX), OMALET Dam*



# ONEMILLION

MORNING | HUMMER | FUZZY - FR 4318213411 - aAa 426351



ISU  
166

## PRODUCTION Daughters 0 | Rel. 69%

MILK	P kg	F kg	P%	F%	digeR
+565	+34	+38	+0,15	+0,28	-0,7

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 68 %

	108	POOR	88	100	112	124	EXCELLENT
BODY	108	POOR	88	100	112	124	EXCELLENT
STATURE	106	SHORT					TALL
CHEST WIDTH	105	NARROW					WIDE
BODY DEPTH	110	SHALLOW					DEEP
RUMP	106	POOR					EXCELLENT
RUMP LENGTH	116	SHORT					LONG
RUMP WIDTH	113	NARROW					WIDE
RUMP ANGLE	102	SLOPED					FAT
FEET & LEGS	116	POOR					EXCELLENT
REAR LEG SET	99	STRAIGHT					SICKLE
FOOT ANGLE	107	LOW					STEEP
REAR LEGS REAR VIEW	99	OUTSIDE					INSIDE
UDDER	116	POOR					EXCELLENT
FORE UDDER	106	LOOSE					STRONG
REAR UDDER HEIGHT	113	LOW					HIGH
REAR UDDER WIDTH	118	NARROW					WIDE
UDDER DEPTH	119	DEEP					SHALLOW
UDDER BALANCE	118	MORE REAR					MORE FORE
UDDER CLEFT	104	WEAK					STRONG
FRONT TEAT PLACEMENT	97	WIDE					CLOSE
TEATS	112	POOR					EXCELLENT
TEAT LENGTH	107	LONG					SHORT
BEEF VALUE	101	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



# OPTICOM

LELABEL | HARPER | REDON - FR 2523568860 - aAa 324156



ISU

136

## PRODUCTION Daughters 0 | Rel. 71%

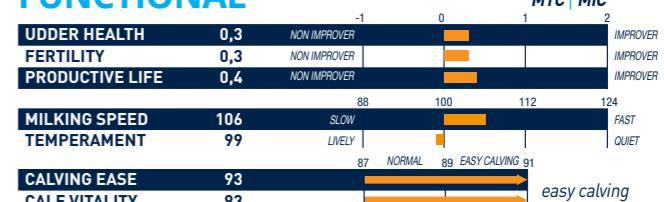
MILK	P kg	F kg	P%	F%	digeR
+435	+17	+20	+0,02	+0,08	-0,2

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 71 %

	118	POOR	88	100	112	124	EXCELLENT
BODY	118	POOR	88	100	112	124	EXCELLENT
STATURE	119	SHORT					TALL
CHEST WIDTH	104	NARROW					WIDE
BODY DEPTH	116	SHALLOW					DEEP
RUMP	108	POOR					EXCELLENT
RUMP LENGTH	123	SHORT					LONG
RUMP WIDTH	114	NARROW					WIDE
RUMP ANGLE	96	SLOPED					FLAT
FEET & LEGS	111	POOR					EXCELLENT
REAR LEG SET	94	STRAIGHT					SICKLE
FOOT ANGLE	106	LOW					STEEP
REAR LEGS REAR VIEW	108	OUTSIDE					INSIDE
UDDER	112	POOR					EXCELLENT
FORE UDDER	107	LOOSE					STRONG
REAR UDDER HEIGHT	123	LOW					HIGH
REAR UDDER WIDTH	115	NARROW					WIDE
UDDER DEPTH	114	DEEP					SHALLOW
UDDER BALANCE	101	MORE REAR					MORE FORE
UDDER CLEFT	101	WEAK					STRONG
FRONT TEAT PLACEMENT	102	WIDE					CLOSE
TEATS	103	POOR					EXCELLENT
TEAT LENGTH	99	LONG					SHORT
BEEF VALUE	89	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	0,2	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



41

# ORCK

MAYOR | IMPEC | GOLESTAN - FR 7402811744 - aAa 354126



ISU

150

## PRODUCTION Daughters 0 | Rel. 71%

MILK	P kg	F kg	P%	F%	digeR
+1076	+35	+21	+0,02	+0,28	+1,5

Kappa Casein AA Beta Casein A1A1

## TYPE Daughters 0 | Rel. 70 %

	115	POOR	88	100	112	124	EXCELLENT
BODY	116	POOR	88	100	112	124	EXCELLENT
STATURE	117	SHORT					TALL
CHEST WIDTH	100	NARROW					WIDE
BODY DEPTH	123	SHALLOW					DEEP
RUMP	103	POOR					EXCELLENT
RUMP LENGTH	106	SHORT					LONG
RUMP WIDTH	97	NARROW					WIDE
RUMP ANGLE	97	SLOPED					FLAT
FEET & LEGS	107	POOR					EXCELLENT
REAR LEG SET	94	STRAIGHT					SICKLE
FOOT ANGLE	100	LOW					STEEP
REAR LEGS REAR VIEW	104	OUTSIDE					INSIDE
UDDER	110	POOR					EXCELLENT
FORE UDDER	98	LOOSE					STRONG
REAR UDDER HEIGHT	122	LOW					HIGH
REAR UDDER WIDTH	119	NARROW					WIDE
UDDER DEPTH	97	DEEP					SHALLOW
UDDER BALANCE	112	MORE REAR					MORE FORE
UDDER CLEFT	111	WEAK					STRONG
FRONT TEAT PLACEMENT	110	WIDE					CLOSE
TEATS	103	POOR					EXCELLENT
TEAT LENGTH	96	LONG					SHORT
BEEF VALUE	95	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	0,7	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



# ORATEUR

MINNESOTA | HARPON JB | VALFIN JB - FR 2530537921 - aAa



Malaise (HARPON JB), ORATEUR Dam



ISU 149

**PRODUCTION** Kappa Casein BB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+875	+34	+32	+0,03	-0,1	-0,7	Rel. 71%

**FUNCTIONAL** normal calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
107	111	88	93	-1 0 1 2

UDDER HEALTH	0,8
FERTILITY	-0,1
PRODUCTIVE LIFE	0,2

TYPE	Daughters 0	Rel. 70%	88	100	112	124	110
BODY	108						
STATURE	109						
RUMP	104						
FEET & LEGS	104						
UDDER	108						
TEATS	106						
BEEF VALUE	99						

BEEF ABILITIES	NOT YET AVAILABLE	-1	0	1	2
	for fattening bulls				

# OURASI

MALIBU | GIOVANNI | DANYAL - FR 4318202636 - aAa 423651



Ourasi



ISU 150

**PRODUCTION** Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+661	+27	+36	+0,1	+0,09	-0,3	Rel. 69%

**FUNCTIONAL** easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
113	105	90	93	-1 0 1 2

UDDER HEALTH	0,6
FERTILITY	0,2
PRODUCTIVE LIFE	1

TYPE	Daughters 0	Rel. 68%	88	100	112	124	111
BODY	104						
STATURE	107						
RUMP	107						
FEET & LEGS	111						
UDDER	111						
TEATS	102						
BEEF VALUE	87						

BEEF ABILITIES	NOT YET AVAILABLE	-1	0	1	2
	for fattening bulls				

# OSS117

MEZENC | HUMMER | EPONA - FR 3803393241 - aAa 435261



Majorotte (HUMMER) OSS117 Dam



ISU 143

**PRODUCTION** Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+561	+25	+31	+0,08	+0,04	-0,3	Rel. 70%

**FUNCTIONAL** easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
110	107	91	93	-1 0 1 2

UDDER HEALTH	0,2
FERTILITY	0,1
PRODUCTIVE LIFE	0,1

TYPE	Daughters 0	Rel. 69%	88	100	112	124	115
BODY	110						
STATURE	113						
RUMP	108						
FEET & LEGS	114						
UDDER	110						
TEATS	103						
BEEF VALUE	96						

BEEF ABILITIES	NOT YET AVAILABLE	-1	0	1	2
	for fattening bulls				

# OSSITO

MILTON | ESPRIT JB | FLETAN - FR 0118022484 - aAa 516342



Alresse (FLETAN) OSSITO Gran Dam



ISU 140

**PRODUCTION** Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+395	+15	+24	+0,04	+0,11	+1	Rel. 71%

**FUNCTIONAL** easy calving

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
105	107	90	94	-1 0 1 2

UDDER HEALTH	0,2
FERTILITY	0,5
PRODUCTIVE LIFE	1

TYPE	Daughters 0	Rel. 70%	88	100	112	

# OVERBOARD

MALOR | ILAX | FUZZY - FR 7045049997 - aAa 243165

## PRODUCTION Daughters 0 | Rel. 71%

MILK	P kg	F kg	P%	F%	digeR
+560	+20	+23	+0,07	+0,04	-0,5

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 70 %

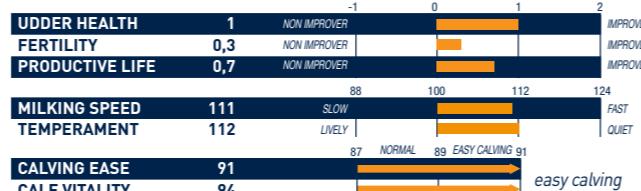
115

	107	POOR	88	100	112	124
BODY	107	POOR				
STATURE	117	SHORT				
CHEST WIDTH	97	NARROW				
BODY DEPTH	108	SHALLOW				
RUMP	109	POOR				
RUMP LENGTH	121	SHORT				
RUMP WIDTH	99	NARROW				
RUMP ANGLE	102	SLOPED				
FEET & LEGS	109	POOR				
REAR LEG SET	94	STRAIGHT				
FOOT ANGLE	86	LOW				
REAR LEGS REAR VIEW	107	OUTSIDE				
UDDER	113	POOR				
FORE UDDER	113	LOOSE				
REAR UDDER HEIGHT	119	LOW				
REAR UDDER WIDTH	113	NARROW				
UDDER DEPTH	113	DEEP				
UDDER BALANCE	108	MORE REAR				
UDDER CLEFT	107	WEAK				
FRONT TEAT PLACEMENT	114	WIDE				
TEATS	100	POOR				
TEAT LENGTH	94	LONG				
BEEF VALUE	101	POOR				
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2



ISU  
145

## FUNCTIONAL



Lancia (ILAX), OVERBOARD Dam

# OZONE

MACINTOSH | HOMYGOD | GERGY - FR 2549603226 - aAa 234165



Impmore (GERGY), OZONE Gran Dam



ISU 145

## PRODUCTION

Kappa Casein AB | Beta Casein A1A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+901	+30	+27	+0,02	-0,17	-1,4	Rel. 70%

## FUNCTIONAL

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
104	107	93	94	
UDDER HEALTH	-0,1	0	1	2
FERTILITY	0,4			
PRODUCTIVE LIFE	0,7			

## TYPE Daughters 0 | Rel. 70 %

115

BODY	114	POOR	88	100	112	124
STATURE	114					
RUMP	111					
FEET & LEGS	103					
UDDER	112					
TEATS	102					
BEEF VALUE	93					
BEEF ABILITIES for fattening bulls	1		-1	0	1	2



ISU 155

## PRODUCTION

Kappa Casein BB | Beta Casein A2A2

MILK (kg)	P (kg)	F (kg)	P (%)	F (%)	digeR	Daughters 0
+892	+34	+41	+0,08	+0,03	-0,6	Rel. 68%

## FUNCTIONAL

M Speed	TEM	Calv. Ease	Calf Vitality	MTF / MIF
98	99	92	92	
UDDER HEALTH	1	0	1	2
FERTILITY	0,4			
PRODUCTIVE LIFE	0,5			

## TYPE Daughters 0 | Rel. 68 %

109

BODY	100	POOR	88	100	112	124
STATURE	105					
RUMP	99					
FEET & LEGS	108					
UDDER	112					
TEATS	93					
BEEF VALUE	94					
BEEF ABILITIES NOT YET AVAILABLE for fattening bulls	1		-1	0	1	2

# OWINGS

MILTON | JOYLAND | ELASTAR - FR 7302225213 - aAa 564132

## PRODUCTION Daughters 0 | Rel. 71%

MILK	P kg	F kg	P%	F%	digeR
+488	+20	+21	+0,06	+0,04	+1,4

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 70 %

125

	123	POOR	88	100	112	124
BODY	123	POOR				
STATURE	122	SHORT				
CHEST WIDTH	106	NARROW				
BODY DEPTH	124	SHALLOW				
RUMP	104	POOR				
RUMP LENGTH	112	SHORT				
RUMP WIDTH	98	NARROW				
RUMP ANGLE	77	SLOPED				
FEET & LEGS	109	POOR				
REAR LEG SET	92	STRAIGHT				
FOOT ANGLE	105	LOW				
REAR LEGS REAR VIEW	103	OUTSIDE				
UDDER	119	POOR				
FORE UDDER	121	LOOSE				
REAR UDDER HEIGHT	110	LOW				
REAR UDDER WIDTH	97	NARROW				
UDDER DEPTH	115	DEEP				
UDDER BALANCE	138	MORE REAR				
UDDER CLEFT	92	WEAK				</td

# PACTOLE

MISTIK | JOLIMOME | HOBBIT - FR 5245423226 - aAa 435261



ISU  
164

## PRODUCTION Daughters 0 | Rel. 68%

MILK	Pkg	F kg	P%	F%	digeR
+562	+32	+35	+0,15	+0,18	+0,5

Kappa Casein BB Beta Casein A2A2

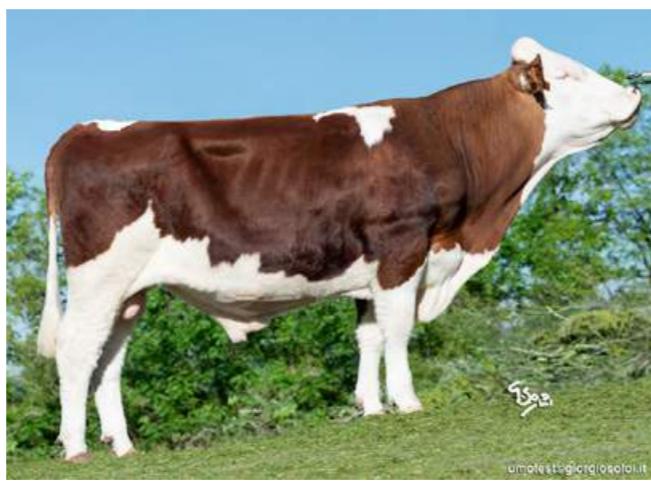
## TYPE Daughters 0 | Rel. 68 %

116

	108	POOR	88	100	112	124	EXCELLENT
STATURE	99	SHORT					TALL
CHEST WIDTH	107	NARROW					WIDE
BODY DEPTH	103	SHALLOW					DEEP
<b>RUMP</b>	<b>106</b>	<b>POOR</b>					<b>EXCELLENT</b>
RUMP LENGTH	111	SHORT					LONG
RUMP WIDTH	90	NARROW					WIDE
RUMP ANGLE	97	SLOPED					FAT
<b>FEET &amp; LEGS</b>	<b>114</b>	<b>POOR</b>					<b>EXCELLENT</b>
REAR LEG SET	87	STRAIGHT					SICKLE
FOOT ANGLE	116	LOW					STEEP
REAR LEGS REAR VIEW	101	OUTSIDE					INSIDE
<b>UDDER</b>	<b>113</b>	<b>POOR</b>					<b>EXCELLENT</b>
FORE UDDER	109	LOOSE					STRONG
REAR UDDER HEIGHT	117	LOW					HIGH
REAR UDDER WIDTH	124	NARROW					WIDE
UDDER DEPTH	115	DEEP					SHALLOW
UDDER BALANCE	109	MORE REAR					MORE FORE
UDDER CLEFT	122	WEAK					STRONG
FRONT TEAT PLACEMENT	97	WIDE					CLOSE
<b>TEATS</b>	<b>92</b>	<b>POOR</b>					<b>EXCELLENT</b>
TEAT LENGTH	89	LONG					SHORT
<b>BEEF VALUE</b>	<b>97</b>	<b>POOR</b>					<b>EXCELLENT</b>
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL

	1,3	-1	0	1	2	MTF   MIF
UDDER HEALTH	1,3	NON IMPROVER				IMPROVER
FERTILITY	0,6	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	0,6	NON IMPROVER				IMPROVER
MILKING SPEED	103	88	100	112	124	FAST
TEMPERAMENT	97	LIVELY				QUIET
CALVING EASE	93	87	NORMAL	EASY CALVING	91	easy calving
CALF VITALITY	94					



PACTOLE

# PANCHO

JEREMIAH | HALLEZ | UNIMAC - FR 7040356293 - aAa 153642



ISU  
155

## PRODUCTION Daughters 0 | Rel. 71%

MILK	Pkg	F kg	P%	F%	digeR
+451	+28	+22	+0,15	+0,02	-0,5

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 71 %

122

	105	POOR	88	100	112	124	EXCELLENT
STATURE	104	SHORT					TALL
CHEST WIDTH	104	NARROW					WIDE
BODY DEPTH	104	SHALLOW					DEEP
<b>RUMP</b>	<b>102</b>	<b>POOR</b>					<b>EXCELLENT</b>
RUMP LENGTH	91	SHORT					LONG
RUMP WIDTH	104	NARROW					WIDE
RUMP ANGLE	100	SLOPED					FAT
<b>FEET &amp; LEGS</b>	<b>111</b>	<b>POOR</b>					<b>EXCELLENT</b>
REAR LEG SET	91	STRAIGHT					SICKLE
FOOT ANGLE	106	LOW					STEEP
REAR LEGS REAR VIEW	99	OUTSIDE					INSIDE
<b>UDDER</b>	<b>127</b>	<b>POOR</b>					<b>EXCELLENT</b>
FORE UDDER	129	LOOSE					STRONG
REAR UDDER HEIGHT	118	LOW					HIGH
REAR UDDER WIDTH	122	NARROW					WIDE
UDDER DEPTH	118	DEEP					SHALLOW
UDDER BALANCE	142	MORE REAR					MORE FORE
UDDER CLEFT	103	WEAK					STRONG
FRONT TEAT PLACEMENT	112	WIDE					CLOSE
<b>TEATS</b>	<b>105</b>	<b>POOR</b>					<b>EXCELLENT</b>
TEAT LENGTH	101	LONG					SHORT
<b>BEEF VALUE</b>	<b>102</b>	<b>POOR</b>					<b>EXCELLENT</b>
BEEF ABILITIES for fattening bulls	0,3	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL

	0,4	-1	0	1	2	MTF   MIF
UDDER HEALTH	0,4	NON IMPROVER				IMPROVER
FERTILITY	0,5	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	0,4	NON IMPROVER				IMPROVER
MILKING SPEED	114	88	100	112	124	FAST
TEMPERAMENT	111	LIVELY				QUIET
CALVING EASE	90	87	NORMAL	EASY CALVING	91	easy calving
CALF VITALITY	93					



PANCHO



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# PARRAIN

MALPUECH | HOBIWAN | CARUSO - FR 3803467475 - aAa 243165



ISU  
149

## PRODUCTION Daughters 0 | Rel. 68%

MILK	P kg	F kg	P%	F%	digeR
+948	+35	+35	+0,04	+0,01	-0,9

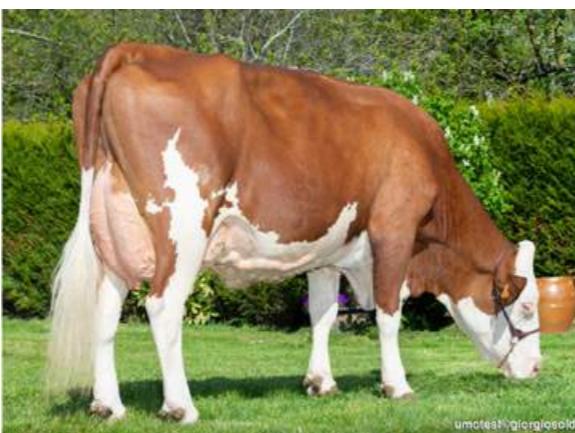
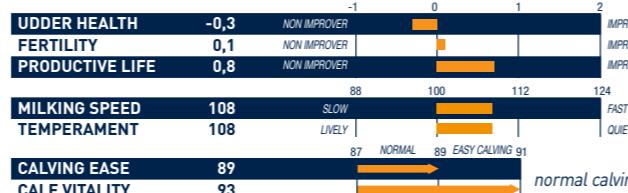
Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 67 %

114

	100	POOR	EXCELLENT
BODY	100	POOR	EXCELLENT
STATURE	99	SHORT	TALL
CHEST WIDTH	106	NARROW	WIDE
BODY DEPTH	99	SHALLOW	DEEP
RUMP	107	POOR	EXCELLENT
RUMP LENGTH	105	SHORT	LONG
RUMP WIDTH	116	NARROW	WIDE
RUMP ANGLE	103	SLOPED	FLAT
FEET & LEGS	112	POOR	EXCELLENT
REAR LEG SET	86	STRAIGHT	SICKLE
FOOT ANGLE	101	LOW	STEEP
REAR LEGS REAR VIEW	99	OUTSIDE	INSIDE
UDDER	116	POOR	EXCELLENT
FORE UDDER	118	LOOSE	STRONG
REAR UDDER HEIGHT	125	LOW	HIGH
REAR UDDER WIDTH	118	NARROW	WIDE
UDDER DEPTH	101	DEEP	SHALLOW
UDDER BALANCE	125	MORE REAR	MORE FORE
UDDER CLEFT	108	WEAK	STRONG
FRONT TEAT PLACEMENT	103	WIDE	CLOSE
TEATS	102	POOR	EXCELLENT
TEAT LENGTH	100	LONG	SHORT
BEEF VALUE	97	POOR	EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	EXCELLENT

## FUNCTIONAL



Marraine (HOBIWAN), PARRAIN Dam

# PETERPAN

NETFLIX | JAKOBI | FABLO - FR 7402849681 - aAa 543612



ISU  
154

## PRODUCTION Daughters 0 | Rel. 68%

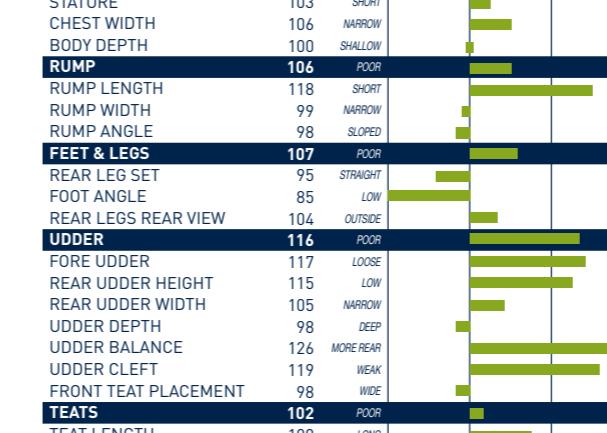
MILK	P kg	F kg	P%	F%	digeR
+527	+33	+36	+0,2	+0,27	-0,7

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 67 %

113

	102	POOR	EXCELLENT
BODY	102	POOR	EXCELLENT
STATURE	103	SHORT	TALL
CHEST WIDTH	106	NARROW	WIDE
BODY DEPTH	100	SHALLOW	DEEP
RUMP	106	POOR	EXCELLENT
RUMP LENGTH	118	SHORT	LONG
RUMP WIDTH	99	NARROW	WIDE
RUMP ANGLE	98	SLOPED	FLAT
FEET & LEGS	107	POOR	EXCELLENT
REAR LEG SET	95	STRAIGHT	SICKLE
FOOT ANGLE	85	LOW	STEEP
REAR LEGS REAR VIEW	104	OUTSIDE	INSIDE
UDDER	116	POOR	EXCELLENT
FORE UDDER	117	LOOSE	STRONG
REAR UDDER HEIGHT	115	LOW	HIGH
REAR UDDER WIDTH	105	NARROW	WIDE
UDDER DEPTH	98	DEEP	SHALLOW
UDDER BALANCE	126	MORE REAR	MORE FORE
UDDER CLEFT	119	WEAK	STRONG
FRONT TEAT PLACEMENT	98	WIDE	CLOSE
TEATS	102	POOR	EXCELLENT
TEAT LENGTH	109	LONG	SHORT
BEEF VALUE	104	POOR	EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	EXCELLENT



## FUNCTIONAL



Nicoise (JAKOBI), PETERPAN Dam

# PECORINO

MORTIMER | IMPEC | TIPOLI - FR 2544681858 - aAa 564132



ISU  
149

## PRODUCTION Daughters 0 | Rel. 69%

MILK	P kg	F kg	P%	F%	digeR
+939	+36	+30	+0,08	-0,02	+0,7

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 67 %

114

	108	POOR	EXCELLENT
BODY	108	POOR	EXCELLENT
STATURE	112	SHORT	TALL
CHEST WIDTH	102	NARROW	WIDE
BODY DEPTH	105	SHALLOW	DEEP
RUMP	104	POOR	EXCELLENT
RUMP LENGTH	93	SHORT	LONG
RUMP WIDTH	121	NARROW	WIDE
RUMP ANGLE	99	SLOPED	FLAT
FEET & LEGS	117	POOR	EXCELLENT
REAR LEG SET	101	STRAIGHT	SICKLE
FOOT ANGLE	102	LOW	STEEP
REAR LEGS REAR VIEW	117	OUTSIDE	INSIDE
UDDER	112	POOR	EXCELLENT
FORE UDDER	110	LOOSE	STRONG
REAR UDDER HEIGHT	106	LOW	HIGH
REAR UDDER WIDTH	108	NARROW	WIDE
UDDER DEPTH	94	DEEP	SHALLOW
UDDER BALANCE	131	MORE REAR	MORE FORE
UDDER CLEFT	117	WEAK	STRONG
FRONT TEAT PLACEMENT	89	WIDE	CLOSE
TEATS	104	POOR	EXCELLENT
TEAT LENGTH	101	LONG	SHORT
BEEF VALUE	90	POOR	EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	EXCELLENT

## FUNCTIONAL



Mozza (IMPEC), PECORINO Dam

# PISCO

MIRKO | HARPON JB | ELASTAR - FR 7030761547 - aAa 561423



ISU  
141

## PRODUCTION Daughters 0 | Rel. 69%

<



## PRODUCTION Daughters 0 | Rel. 68%

MILK	Pkg	F kg	P%	F%	digeR
+300	+18	+19	+0,13	+0,09	-0,7

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 67 %

	131	
BODY	113	POOR
STATURE	114	SHORT
CHEST WIDTH	102	NARROW
BODY DEPTH	107	SHALLOW
RUMP	108	POOR
RUMP LENGTH	134	SHORT
RUMP WIDTH	114	NARROW
RUMP ANGLE	98	SLOPED
FEET & LEGS	109	POOR
REAR LEG SET	116	STRAIGHT
FOOT ANGLE	99	LOW
REAR LEGS REAR VIEW	117	OUTSIDE
UDDER	137	POOR
FORE UDDER	131	LOOSE
REAR UDDER HEIGHT	115	LOW
REAR UDDER WIDTH	118	NARROW
UDDER DEPTH	115	DEEP
UDDER BALANCE	151	MORE REAR
UDDER CLEFT	121	WEAK
FRONT TEAT PLACEMENT	128	WIDE
TEATS	114	POOR
TEAT LENGTH	117	LONG
BEEF VALUE	86	POOR
BEEF ABILITIES for fattening bulls	ND	POOR

## FUNCTIONAL

	MTF   MIF
UDDER HEALTH	0,4
FERTILITY	0,6
PRODUCTIVE LIFE	0,5
MILKING SPEED	109
TEMPERAMENT	103
CALVING EASE	91
CALF VITALITY	94



PIAGGIO



## PRODUCTION Daughters 0 | Rel. 68%

MILK	Pkg	F kg	P%	F%	digeR
+780	+32	+23	+0,07	-0,05	+1,7

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 68 %

	125	
BODY	120	POOR
STATURE	116	SHORT
CHEST WIDTH	108	NARROW
BODY DEPTH	124	SHALLOW
RUMP	109	POOR
RUMP LENGTH	116	SHORT
RUMP WIDTH	107	NARROW
RUMP ANGLE	92	SLOPED
FEET & LEGS	104	POOR
REAR LEG SET	105	STRAIGHT
FOOT ANGLE	104	LOW
REAR LEGS REAR VIEW	103	OUTSIDE
UDDER	123	POOR
FORE UDDER	121	LOOSE
REAR UDDER HEIGHT	99	LOW
REAR UDDER WIDTH	105	NARROW
UDDER DEPTH	111	DEEP
UDDER BALANCE	122	MORE REAR
UDDER CLEFT	124	WEAK
FRONT TEAT PLACEMENT	118	WIDE
TEATS	108	POOR
TEAT LENGTH	104	LONG
BEEF VALUE	103	POOR
BEEF ABILITIES for fattening bulls	ND	POOR

## FUNCTIONAL

	MTF   MIF
UDDER HEALTH	0
FERTILITY	0,5
PRODUCTIVE LIFE	1,2
MILKING SPEED	114
TEMPERAMENT	111
CALVING EASE	91
CALF VITALITY	92



Felicia VR (IMPEC) PITTSBURGH Family



# POLIBAY

NOELCERNEU | JOYLAND | GLANUM - FR 5353907209 - aAa 645213



ISU  
146

## PRODUCTION Daughters 0 | Rel. 68%

MILK	P kg	F kg	P%	F%	digeR
+433	+19	+32	+0,08	+0,14	-0,1

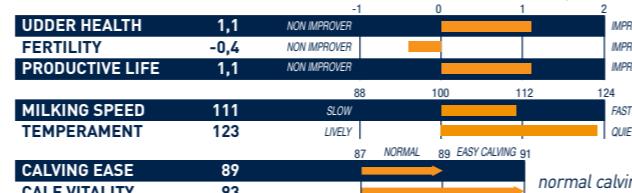
Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 68 %

120

	99	POOR	88	100	112	124	EXCELLENT
STATURE	104	SHORT					TALL
CHEST WIDTH	100	NARROW					WIDE
BODY DEPTH	96	SHALLOW					DEEP
<b>RUMP</b>	<b>100</b>	<b>POOR</b>					<b>EXCELLENT</b>
RUMP LENGTH	100	SHORT					LONG
RUMP WIDTH	98	NARROW					WIDE
RUMP ANGLE	92	SLOPED					FLAT
<b>FEET &amp; LEGS</b>	<b>103</b>	<b>POOR</b>					<b>EXCELLENT</b>
REAR LEG SET	88	STRAIGHT					SICKLE
FOOT ANGLE	114	LOW					STEEP
REAR LEGS REAR VIEW	102	OUTSIDE					INSIDE
<b>UDDER</b>	<b>132</b>	<b>POOR</b>					<b>EXCELLENT</b>
FORE UDDER	115	LOOSE					STRONG
REAR UDDER HEIGHT	116	LOW					HIGH
REAR UDDER WIDTH	120	NARROW					WIDE
UDDER DEPTH	121	DEEP					SHALLOW
UDDER BALANCE	139	MORE REAR					MORE FORE
UDDER CLEFT	108	WEAK					STRONG
FRONT TEAT PLACEMENT	126	WIDE					CLOSE
<b>TEATS</b>	<b>114</b>	<b>POOR</b>					<b>EXCELLENT</b>
TEAT LENGTH	127	LONG					SHORT
<b>BEEF VALUE</b>	<b>96</b>	<b>POOR</b>					<b>EXCELLENT</b>
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



POLIBAY

# POMPILOP

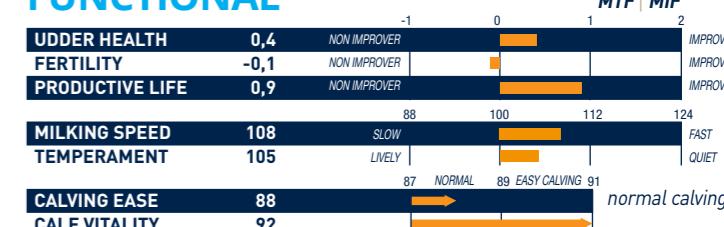
NARUTO | LONESTAR | HALLEZ - FR 2539746173 - aAa 246315



ISU

158

## FUNCTIONAL



Cigogne (REDON), POMPILOP Gran Gran Dam

# PORTORICO

NINO JB | JEBOLAN | GRAF - FR 5632283334 - aAa 465231



ISU  
152

## PRODUCTION Daughters 0 | Rel. 68%

MILK	P kg	F kg	P%	F%	digeR
+1046	+31	+37	-0,09	-0,07	+1

Kappa Casein BB Beta Casein A2A2

## TYPE Daughters 0 | Rel. 67 %

109

	98	POOR	88	100	112	124	EXCELLENT
STATURE	104	SHORT					TALL
CHEST WIDTH	94	NARROW					WIDE
BODY DEPTH	100	SHALLOW					DEEP
<b>RUMP</b>	<b>102</b>	<b>POOR</b>					<b>EXCELLENT</b>
RUMP LENGTH	107	SHORT					LONG
RUMP WIDTH	85	NARROW					WIDE
RUMP ANGLE	91	SLOPED					FLAT
<b>FEET &amp; LEGS</b>	<b>99</b>	<b>POOR</b>					<b>EXCELLENT</b>
REAR LEG SET	94	STRAIGHT					SICKLE
FOOT ANGLE	97	LOW					STEEP
REAR LEGS REAR VIEW	84	OUTSIDE					INSIDE
<b>UDDER</b>	<b>117</b>	<b>POOR</b>					<b>EXCELLENT</b>
FORE UDDER	127	LOOSE					STRONG
REAR UDDER HEIGHT	114	LOW					HIGH
REAR UDDER WIDTH	93	NARROW					WIDE
UDDER DEPTH	105	DEEP					SHALLOW
UDDER BALANCE	115	MORE REAR					MORE FORE
UDDER CLEFT	122	WEAK					STRONG
FRONT TEAT PLACEMENT	96	WIDE					CLOSE
<b>TEATS</b>	<b>105</b>	<b>POOR</b>					<b>EXCELLENT</b>
TEAT LENGTH	111	LONG					SHORT
<b>BEEF VALUE</b>	<b>93</b>	<b>POOR</b>					<b>EXCELLENT</b>
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



PORTORICO

Orange(LONESTAR), POMPILOP Dam

# POWERFULL

NEKFEU | LONESTAR | HARPON JB - FR 7043796571 - aAa 426351



ISU  
152

## PRODUCTION Daughters 0 | Rel. 68%

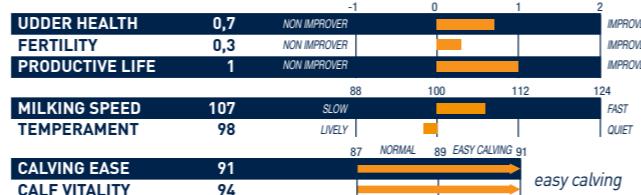
MILK	P kg	F kg	P%	F%	digeR
+598	+26	+26	+0,07	+0,02	-0,3

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 67 %

	122	POOR	88	100	112	124	EXCELLENT
BODY	122	POOR					
STATURE	122	SHORT					TALL
CHEST WIDTH	114	NARROW					WIDE
BODY DEPTH	120	SHALLOW					DEEP
RUMP	108	POOR					EXCELLENT
RUMP LENGTH	108	SHORT					LONG
RUMP WIDTH	126	NARROW					WIDE
RUMP ANGLE	100	SLOPED					FLAT
FEET & LEGS	107	POOR					EXCELLENT
REAR LEG SET	88	STRAIGHT					SICKLE
FOOT ANGLE	109	LOW					STEEP
REAR LEGS REAR VIEW	110	OUTSIDE					INSIDE
UDDER	111	POOR					EXCELLENT
FORE UDDER	106	LOOSE					STRONG
REAR UDDER HEIGHT	96	LOW					HIGH
REAR UDDER WIDTH	100	NARROW					WIDE
UDDER DEPTH	115	DEEP					SHALLOW
UDDER BALANCE	109	MORE REAR					MORE FORE
UDDER CLEFT	101	WEAK					STRONG
FRONT TEAT PLACEMENT	126	WIDE					CLOSE
TEATS	97	POOR					EXCELLENT
TEAT LENGTH	86	LONG					SHORT
BEEF VALUE	109	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



Nostra (LONESTAR), POWERFULL Dam

# PRETTO

MISTIK | INGENIO | BRINK - FR 2520947891 - aAa 516342



ISU  
156

## PRODUCTION Daughters 0 | Rel. 69%

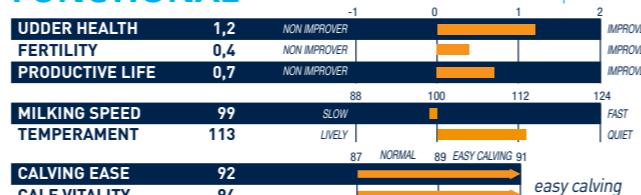
MILK	P kg	F kg	P%	F%	digeR
+996	+34	+26	+0,05	-0,2	+1,1

Kappa Casein AB Beta Casein A1A2

## TYPE Daughters 0 | Rel. 67 %

	117	POOR	88	100	112	124	EXCELLENT
BODY	117	POOR					
STATURE	113	SHORT					TALL
CHEST WIDTH	107	NARROW					WIDE
BODY DEPTH	117	SHALLOW					DEEP
RUMP	107	POOR					EXCELLENT
RUMP LENGTH	96	SHORT					LONG
RUMP WIDTH	111	NARROW					WIDE
RUMP ANGLE	117	SLOPED					FLAT
FEET & LEGS	104	POOR					EXCELLENT
REAR LEG SET	95	STRAIGHT					SICKLE
FOOT ANGLE	94	LOW					STEEP
REAR LEGS REAR VIEW	96	OUTSIDE					INSIDE
UDDER	107	POOR					EXCELLENT
FORE UDDER	107	LOOSE					STRONG
REAR UDDER HEIGHT	93	LOW					HIGH
REAR UDDER WIDTH	112	NARROW					WIDE
UDDER DEPTH	114	DEEP					SHALLOW
UDDER BALANCE	116	MORE REAR					MORE FORE
UDDER CLEFT	95	WEAK					STRONG
FRONT TEAT PLACEMENT	94	WIDE					CLOSE
TEATS	102	POOR					EXCELLENT
TEAT LENGTH	100	LONG					SHORT
BEEF VALUE	107	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL



PRETTO

# PUYMARY

NIRVANAVR | JEANPIERRE | GEREMY - FR 01540058729 - aAa 243615



ISU

150

## PRODUCTION Daughters 0 | Rel. 68%

MILK	P kg	F kg	P%	F%	digeR
+577	+30	+32	+0,13	+0,16	-0,5

Kappa Casein AA Beta Casein A1A2

## TYPE Daughters 0 | Rel. 67 %

	95	POOR	88	100	112	124	EXCELLENT
BODY	95	POOR					
STATURE	99	SHORT					TALL
CHEST WIDTH	90	NARROW					WIDE
BODY DEPTH	99	SHALLOW					DEEP
RUMP	98	POOR					EXCELLENT
RUMP LENGTH	88	SHORT					LONG
RUMP WIDTH	92	NARROW					WIDE
RUMP ANGLE	87	SLOPED					FLAT
FEET & LEGS	102	POOR					EXCELLENT
REAR LEG SET	106	STRAIGHT					SICKLE
FOOT ANGLE	82	LOW					STEEP
REAR LEGS REAR VIEW	97	OUTSIDE					INSIDE
UDDER	127	POOR					EXCELLENT
FORE UDDER	107	LOOSE					STRONG
REAR UDDER HEIGHT	140	LOW					HIGH
REAR UDDER WIDTH	127	NARROW					WIDE
UDDER DEPTH	111	DEEP					SHALLOW
UDDER BALANCE	134	MORE REAR					MORE FORE
UDDER CLEFT	97	WEAK					STRONG
FRONT TEAT PLACEMENT	125	WIDE					CLOSE
TEATS	106	POOR					EXCELLENT
TEAT LENGTH	103	LONG					SHORT
BEEF VALUE	83	POOR					EXCELLENT
BEEF ABILITIES for fattening bulls	ND	POOR	-1	0	1	2	EXCELLENT

## FUNCTIONAL





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POMPILOP Dam: Orange, LONESTAR daughter

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