

MONTBELIARDE

SIRE DIRECTORY

SUMMER | FALL 2024



Coopex
MONTBELIARDE
THE MONTBELIARDE WORLDWIDE

SUMMARY



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Available in sexed and conventional semen

Available in sexed semen only

Available in conventional semen only

HEALTH

HEALTH

=

30% HOOF HEALTH

+

25% PRODUCTIVE LIFE

+

20% UDDER HEALTH

+

15% FERTILITY

+

10% KETOSIS

Proofs available for animals genotyped
by UMOTEST only.

Available for bulls on the website and the catalog.

PRODUCTIVE LIFE (25%)

It reflects an animal's ability to have a career in a farm, regardless of its milk production level. Animals with good productive life are therefore more resistant to diseases and reproduce well.

UDDER HEALTH (20%)

A composite proof reflecting animals' resistance to somatic cell issues (69%) and clinical mastitis (31%).

HOOF HEALTH - STPI (30%)

Since December, Hoof Health proof synthesis (STPI) and two composite synthesis are available to work more specifically on mechanical injuries (SLM) or infectious lesions (SLI).

How to use Hoof Health proofs?

The Hoof Health Synthesis leads to an improvement on global hoof health selection and on the 8 diseases identified in the Montbeliade breed. But you can also use separately one of the two composite index synthesis to improve either mechanical injuries or infectious lesions.

Umotest - Coopex HEALTH proof

What if you could identify quickly cattle which are the easiest to manage and the most resistant to diseases not to impact their career? This is now possible with the HEALTH proof.

The HEALTH proof combines Ketosis, Fertility, Productive Life, Udder Health, and Hoof Health proofs, grouped into a single composite proof. Animals with a positive value (>0) for Health proof, are more resistant and stronger against all diseases and issues in farming.

HEALTH Leaders

	OCLIPSE	+4,3
	TICTAK	+4,0
	OBERNAY	+3,9
	STRASS	+3,9
	TOUILLOON	+3,8

FERTILITY (15%)

A composite proof reflecting the reproductive capacities of Montbéliarde cows and heifers, both for AI success (Cow Fertility and Heifer Fertility) and resumption of cyclicity (IVIA1). The higher the index, the better the female's reproductive capacities.

KETOSIS (10%)

Ketosis is a metabolic disease that manifests as a high concentration of ketone bodies in the blood (ketonemia). In Montbéliarde cattle, the risk of ketosis is estimated at 30% in the first 100 days of lactation, resulting in a production drop of up to 10%, health problems (lameness and mastitis), and reproduction issues.

+1 point equates to a 23% reduction in the risk of ketosis.

HOOF HEALTH SYNTHESIS PROOF STPI

SLI
50%

Infectious Lesions Synthesis

- > Digital Dermatitis (50%)
 - > Interdigital Hyperplasia (25%)
 - > Heel Horn Erosion (25%)
-

SLM
50%

Mechanical Injuries Synthesis

- > White Line Disease (45%)
 - > Sole Ulcer (30%)
 - > Sole Hemorrhage Circumscribed Form (10%)
 - > Corkscrew Claw (10%)
 - > Sole Hemorrhage Diffused Form (5%)
-

COOPEX MONTBELIARDE



8 570kg, 3.90%F, 3.49%P | #2 dairy breed in France | 373 000 milk recorded cows



6

7

CAT HAIDA Family,

from left to right Cat Maeva: ISTAPIC x Cat Haida - Cat Java: FUSIONNEL x Cat Haida - Cat Najah: FABLO x Cat Java - Cat Haida (URBANISTE)



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)



Grazing

• **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.



Beef value

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



#1 breed used for producing milk for AOP cheese in France

- 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
LONGEVITY - 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



MONGOLIA

The Montbeliarde breed offers an optimal profile to meet the challenges faced with expansion of the milk production.



MALI

The Montbeliarde breed continues its development over African countries thanks to its dairy qualities and heat stress resistance.



UNITED KINGDOM

Montbeliarde breed is popular & recognised to add value & strength in dairy herds and to get longer lasting & more profitable cattle.



TUNISIA

Montbeliarde breed is recognized for its longevity and its resilience.



ITALY

400 Montbeliarde cows in lactation with 8 milking robots. Average prod 39kg / day.



BOSNIA-HERZEGOVINA

Montbeliarde heifers in 1st lactation with an average milk production of 28 liters per day.



EQUATOR

Montbeliarde breed suitable working at over 2.500 metres over sea level in extrem weather of the Andes mountains.



POLAND

468 crossbred cows (Mo x Ho), 8 milking robots, Prod. aver. : 12877 kg of milk, 3.91% F & 3.38% P. 1.6 straws per pregnancy and aver. Calving interval: 385 days.



AFGHANISTAN

Pure breed or crossbreed, Montbeliarde gives satisfaction to Afghan breeders.



USA

Milk Unlimited farm, Iowa, USA. 3.300 crossbred cows with Montbéliarde, averaging 45kg/day Energy corrected. 85% pregnant before 150 DIM.



JAPAN

Montbeliarde breed makes Japanese breeders life easier with less management & health problems in their dairy herds.



NETHERLANDS

NEUTRINO daughter in her 2nd lactation which produced 10250 kg of milk, 4.51% Fat & 4.21% Protein.



SPAIN

Villameitide herd in Galicia, 190 crossbreds with Montbeliarde. 305-d 12.349kg 4,29%F 3,37%P 60.058kg Lifetime/cow 24,3kg/day lifetime.



KENYA

Montbeliarde breed is more appreciated in this country and used for crossbreeding.

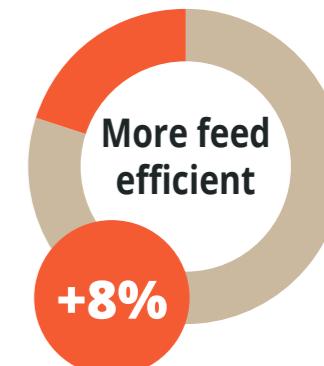
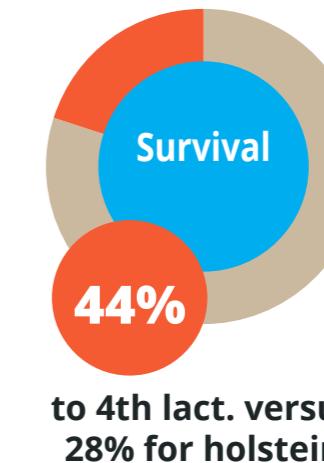
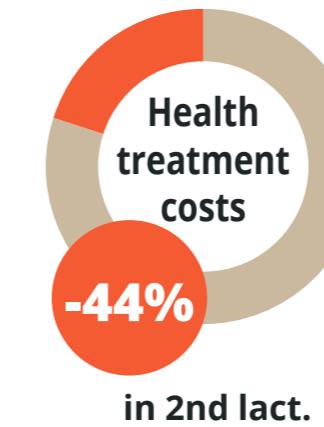
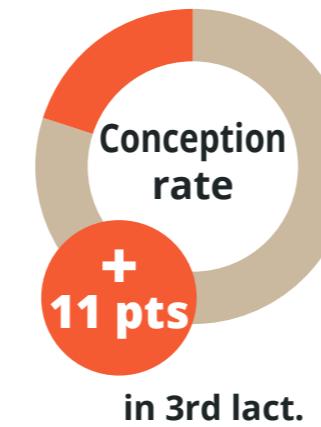
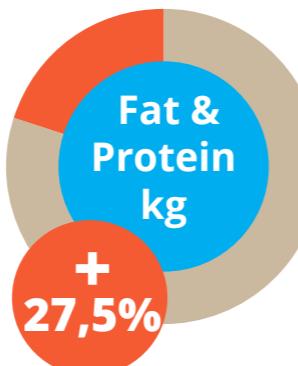
Crossbred

CROSSBREED MONTBELIARDE

IT WORKS AND IT IS PROVEN



MINNESOTA TRIAL



USA : +19% DAILY PROFIT for MO x HO versus Holstein

The results of the study lead by the University of Minnesota show superior results of the crossbred cows versus the Holstein. The 10-year study is the most important scientific trial into crossbreeding dairy cattle yet undertaken. Led by Professor Les Hansen, its results were published in July 2019. The trial was conducted on 7 dairy herds in Minnesota & 3.550 Holstein were committed for the foundation. Crossbred MO x Ho cows are more profitable than their Holstein herdmates in a 10-year study with high-performance Minnesota dairy herds.

**NEW
RESULTS**

Crossbred cows have avantages for persistency of production in high- performance herd

	Holstein	Montbeliarde x Holstein
COWS (number)	640	558
LIFETIME PROFIT	\$2 842	\$4 480
DAILY PROFIT	\$3,74	\$4,46
TOTAL INCOME	\$15,92	\$16,28
TOTAL EXPENSE	\$12,19	\$11,83

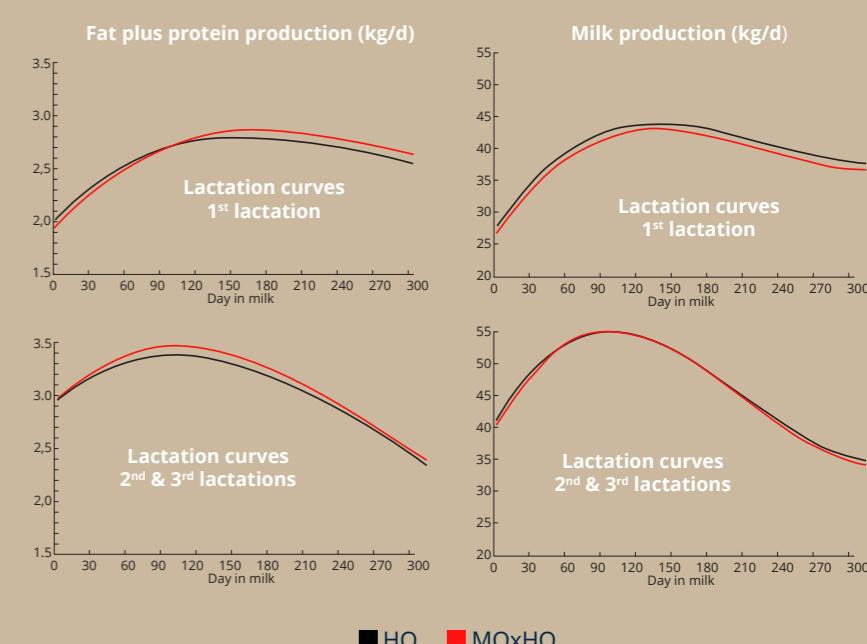
The Montbeliarde x Holstein 2-breed crossbreds in this study had more fat and protein production compared with their Holstein herdmates during 305-d lactations.

Even if Holsteins often lead to milk yield, especially in the first lactation, **Montbeliarde x Holstein crossbreds excel in persistency**, maintaining stable milk production throughout the lactation period.

The fat and protein content in milk is higher in crossbred cows than pure Holsteins. This advantage holds in first and later lactations, showcasing the benefits of crossbreeding on milk composition.

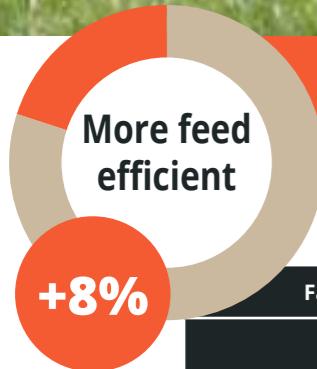
This boosts milk pricing and improves dairy farm profitability, making crossbreeding an intelligent choice for modern dairy farms.

Source : Lactation curves of Montbeliarde-sired crossbred cows and their Holstein herdmates in commercial dairies - Journal of Dairy Science. JDS Vol 107 N°6, 2024.



CROSSBREED MONTBELIARDE

IT WORKS AND IT IS PROVEN



MINNESOTA TRIAL



	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

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	Holstein	MO x HO	
1 ST LACTATION	Cows (number)	1 180	556
	Fat + Protein (kg)	765	788
	Milk (kg)	11 378	11 445
2 ND LACTATION	Cows (number)	883	443
	Fat + Protein (kg)	887	906
	Milk (kg)	13 338	13 335
3 RD 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 +219 days
	Fat + Protein (kg)	2 201	2 810 +27,5%

Source: University of Minnesota, July 2019
https://www.ansci.umn.edu/sites/ansci.umn.edu/files/procross_10-year_study_results_kg_new.pdf

CALIFORNIA TRIAL



MORE LIFETIME PROFIT

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



EGYPTIAN TRIAL

+16% daily milk yield

for MO x HO versus Hostein

MO x HO CROSSBRED COWS SIGNIFICANTLY SUPERIOR TO PURE HO COWS

	Holstein		MO x HO	
	Cows (n)	Average	Cows (n)	Average
Conception rate 1st Al	822	29%	409	40% +11 points
	704	139 days	387	117 days -22 days
Conception rate 1st Al	389	30%	253	41% +11 points
	336	143 days	245	120 days -23 days

TOTAL HEALTH TREATMENT

	Holstein		MO x HO	
	Cows (n)	Average	Cows (n)	Average
First Lact.	1 280	\$43	592	\$31 -38%
Second Lact.	1 007	\$68	471	\$47 -44%
Third Lact.	577	\$92	334	\$67 -37%

	Holstein		MO x HO	
	Cows (n)	Average	Cows (n)	Average
Survival to 3 rd calving	1 201	51%	551	62% +11 points
Survival to 4 th calving	1 012	28%	516	44% +16 points

	Holstein	Montbeliarde x Holstein
NUMBER OF COWS	531	536
DAILY MILK KG	25,9 +16%	30
305-DAY MILK YIELD KG	7987 +15%	9210
DAY IN MILK KG	399 +17%	341
SERVICES PER IA	3,7 -42%	2,6
DAY OPEN	190 -44%	132

Source: Sadek RR, Abou-Bakr S, Nigm AA, Ibrahim MAM, Badr MM and Awad MAA (2021). Evaluation of Milk Yield and Reproductive Performance of Pure Holstein and Its F1 Crossbreds with Montbeliarde in Egypt. World Vet. J., 11 (3): 489-497. DOI: <https://dx.doi.org/10.54203/scil.2021.wvj63>

Comparaison of the milk yield and reproductive performance of pure Holstein (HO) cows with those of their first generation (F1) crossbreds with Montbeliarde cows (MO) in four commercial dairy herds under Egyptian conditions (2012 - 2020). Under Egyptian subtropical conditions, the first generation of MO x HO crossbred cows exhibit better performance, compared to pure HO cows in milk yield and reproductive traits. These findings could provide an effective strategic option for the genetic improvement of dairy cattle in hot subtropical regions. Montbeliarde breed is more resistant to high heat stress and more productive than Holstein breed in such condition.

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DANISH STUDY



Montbeliarde x Holstein more productive than Fleckvieh x Holstein

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

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

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Switzerland
Montbeliarde (ODISLAIT daughter) crossbred cow - Montbeliarde x Fleckvieh - already produced 120 000 kg in her lifetime.



Romania
Montbeliarde x Simmental herd in absorption process.



Austria
HELUX daughter in Austria in January 2024 at Maishofen auction sales. Top price 4520€.

COOP EX Montbeliarde

YOUR WORLDWIDE SUPPLIER



SEmen

#1

breeding program

LIVESTOCK

11 000

heifers exported per year

TECHNICAL SUPPORT
since 1978

Coopex
MONTBELIARDE
THE MONTBELIARDE WORLDWIDE

WORLDWIDE LEADER FOR MONTBELIARDE LIVESTOCK SUPPLYING



16

17

ORGANIZATION IN A VERTICAL MODEL OF EVERY LIVESTOCK TRADE PROCESS



On-farm pre-selection of heifers

Our technicians select pregnant Montbéliarde heifers directly on farm that meet the criteria required by our foreign customers.



Quarantine in dedicated assembly centers

Benefit of the expertise of experienced professionals:

- > Technicians ensuring high level of animal welfare, safety, inspection and on-site cleanliness.
- > Veterinarians carrying out analyzes, vaccinations and treatments according to the health certificate requirements of importing countries. They also carry out pregnancy diagnosis.

1800 quarantine places



Selection of animals by our customers

When they come to the assembly center, our customers select the heifers among our pre-selection made according to the requirements of the contract.



Technical and health documentation

- > Pedigrees issued by an official and independent agency,
- > Health certificate issued and signed off by the French veterinary services,
- > Complete monitoring of export documentation, issue and double-checking of all export documents,



Logistics, transport and insurance

Animal welfare at the core of logistics

- > Experienced truck drivers, trained in animal welfare monitoring.
- > Vessels adapted for transporting livestock over long distances between ports, with on-board attendants for animal care.
- > Deep experience and logistical expertise in the air transport.
- > fast completion of customs clearance for speed transit,
- > Strong partnerships with well-known international banks and insurance companies.



Support and technical monitoring of your herd

Choosing Coopex Montbéliarde means benefiting from a ***network of experts*** to support you in :

- > Monitoring reproduction, training in artificial insemination,
- > Calves and heifers rearing,
- > Genetic monitoring of the herd, including drawing up your mating plan,
- > Feeding and nutrition of dairy cows,
- > Buildings layout,
- > Choice of crops and building up fodder stocks.



Quarantine facilities
to export livestock

Logistic expertise

High level of animal welfare

Technical support

Mating advice

WORLDWIDE LEADER FOR MONTBELIARDE GENETICS



1st Montbeliarde breeding program

1st network of Montbeliarde breeders



15 500 members

14 AI centers

82% AI French market



#1 Montbeliarde breeding program

624 000 Montbeliarde cows

73 000 DNA analysis



4 000 females with high genetics potential

146 females with embryo collection

146 bull calves

58 new bulls available each year

Worldwide leader for Montbeliarde genetics
Top Montbeliarde bulls: 100% Umotest - Coopex Montbeliarde stud



HOW TO READ THE CATALOG

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 2024 run.

PEDIGREE / IDENTIFICATION

SIRE / MGS / MGGS
National number, breeder

ADDITIONAL GENES INFOS

MTCP (Mitochondropathy)

MTF: Free

MTC: Carrier

Milca (Autosomal recessive color phenotype without any strong other adverse effect)

MIF: Free

MIC: Carrier

MTETR (red head)

MTRF: Free

MTRC: Carrier

Available in sexed and conventional semen

Available in sexed semen only

Available in conventional semen only

Easy calving

Suitable to robot milking

Suitable to crossbreeding

PRODUCTION

Dairy synthesis = $0.76 \times (Pkg + 0.51 Fkg + 0.15 F% + 0.52 P%)$ Milk : milk yield in kg

Protein (Kg) = true protein yield (in kg.)

Fat (Kg) = fat yield (in kg.)

Protein (%) = true protein content (in %)

Fat (%) = fat content (in %)

digeR : feed efficiency index

From'MIR : cheese ability index

Kappa casein (AA/AB/BB)

Beta casein (A1A1/A1A2/A2A2)

HEALTH

HEALTH = 30% STPI + 25% PL + 20% UDDER HEALTH + 15% FERTILITY + 10% KETOSIS

STPI Hoof Health Synthesis Proof	SLI Infectious Lesions Synthesis	SLM Mechanical Injuries Synthesis	PL Productive Life
Based on 0 average with +1 point as standard deviation Heritable traits: heritability similar to other functional traits between 4 to 9%			Average 0 Standard Dev. ±1 > 0 means more functional longevity

UDDER HEALTH

69% SCS + 31% CL. MA

SCS Somatic Cell Score	CL. MA Clinical Mastitis Resistance	FERc / FERh Fertility Cows / Fertility Heifers	IC-1AI Interval calving 1st AI
Average 0 Standard Dev. ±1 > 0 means less Somatic Cells	Average 0 Standard Dev. ±1 > 0 means less mastitis	Average 0 Standard Dev. ±1 > 0 means more fertile daughters	Average 0 Standard Dev. ±1 > 0 means earlier cyclicity reproductive after calving

FUNCTIONNAL TRAITS	MS Milking Speed	TEM Temperament
	Average 100 Standard Dev. ±12 > 100 means daughters milk quicker	Average 100 Standard Dev. ±12 > 100 means daughters easier to handle

CE Calving Ease	From 48 to 50	Very Difficult
% of easy calvings (no assistance)	From 51 to 77	Difficult
	From 78 to 88	Average / Normal
	From 89 to 94	Easy
	From 95	Very Easy

PACTOLE

MISTIK | JOLIMOME | HOBBIT - FR 5245423226 - aAa 435261



ISU
174

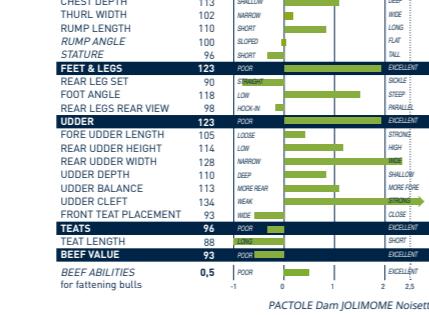
PRODUCTION

Dairy Synthesis +58
Milk Pkg Fkg P% F% From'MIR digeR
+904 +46 +48 +0,23 +0,21 +0,9 +0,7
Daughters 0 Rel. 76%

TYPE

Daughters 0 | Rel. 67 %

124



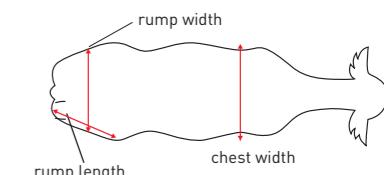
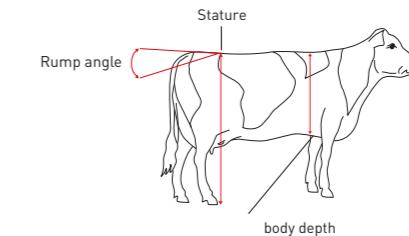
PACTOLE Dam JOLIMOME Noisette

Pictures : Giorgio Soldi & Guillaume Moy

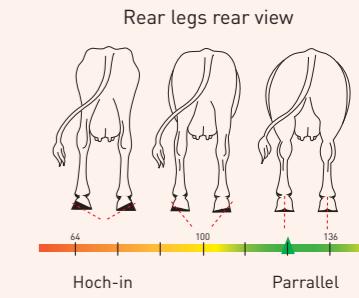
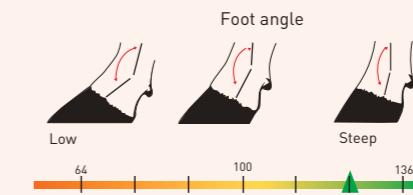
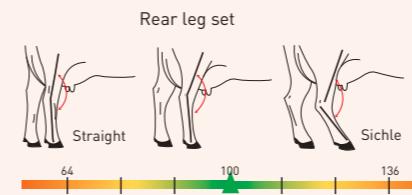
TYPE

BODY CAPACITY

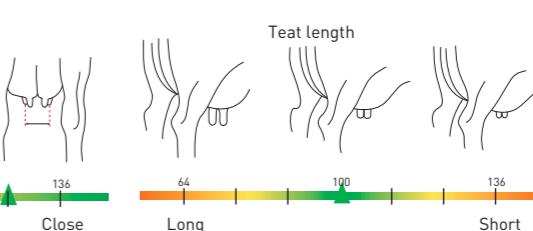
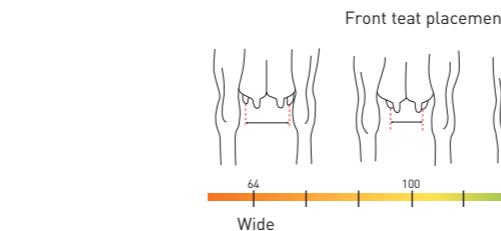
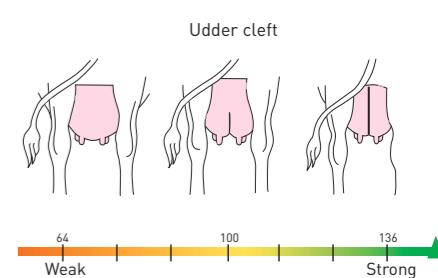
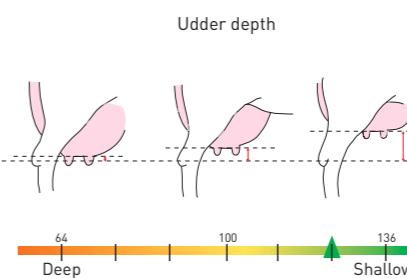
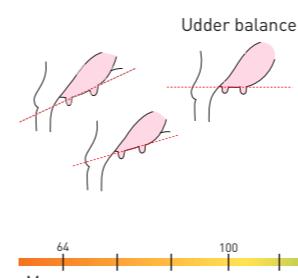
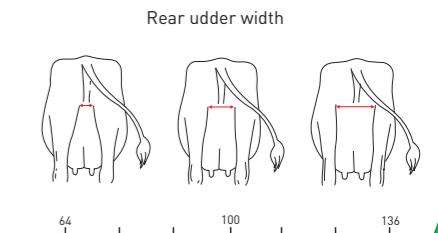
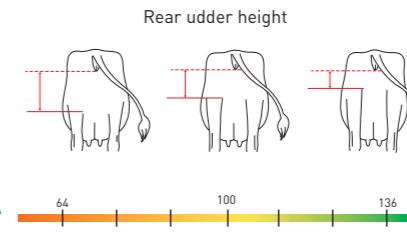
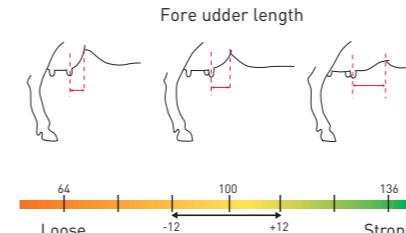
= 30% CHEST WIDTH
+ 20% CHEST DEPTH
+ 25% THURL WIDTH
+ 25% RUMP LENGTH



FEET & LEGS



UDDER



BEEF VALUE

Beef abilities	-1	+1
for fattening bulls	Poor	Excellent

COOPEX BRINGS YOU THE BEST



TOP ISU

TREKKING	188
SACHA	188
TOX	186
UCRONIC	186
TICTAK	184

TREKKING

#1 ISU MONTBELIARD BULLS
Milk +1448 kg
+0,21% Prot | +0,18% Fat

SACHA

#1 ISU MONTBELIARD BULLS
Milk +1782 kg
Udder 130 | Udder Health +3,1

MILK SYNT.

TREKKING	83
NEUTRINO	79
UCRONIC	79
REMIX	78
REPEAT	78

MILK KG

REMIX	1923
REPEAT	1788
SACHA	1782
TIAGO	1671
ROTTERDAM	1654

PROTEIN %

NEUTRINO	0,47
SOURIEZ	0,41
TENOR	0,36
SKIPER	0,31
OCLIPSE	0,30

FAT %

TENOR	0,61
ROYCO	0,56
NEUTRINO	0,50
TELIMAR	0,45
TARMAC	0,43

TYPE

TOUILLO	139
TRADER	138
TICTAK	138
TIGUAN	135
UCRONIC	134

FEET & LEGS

TENNESSEE	132
SPEEDY	129
ROOFTOP	126
TIESTO	126
TRADER	123

UDDER

TICTAK	141
TIGUAN	141
TRADER	139
TOUILLO	138
SURF	134

BEEF VALUE

SYROCCO	123
STRASS	122
TASSIMO P	122
OCLIPSE	119
SANDERO	119

HEALTH

OCLIPSE	4,3
TICTAK	4,0
OBERNAY	3,9
STRASS	3,9
TOUILLO	3,8

UDDER HEALTH

OCLIPSE	3,1
SACHA	3,1
TELIDO	2,4
TETHYS	2,3
TAZMAN	2,2

REPRO

SURF	2,8
OBERNAY	2,3
TRONCY	2
ROANNAIS	2
TIESTO	1,9

HOOF HEALTH

OCLIPSE	1,8
TOSCAN	1,6
TRONCY	1,6
RECORDMAN	1,6
PACTOLE	1,5
TELEMAQUE	1,5

SEXED SEMEN AVAILABLE

	ISU
TREKKING	188
SACHA	188
UCRONIC	186
TOX	186
TICTAK	184
TREVILLERS	183
STRASS	182
TRADER	181
SURF	180
TOLKIEN	180
TRONCY	180
SOYANS	179
SYROCCO	177
TESINCOURT	176
TETHYS	176

	ISU
TELIDO	175
ROYCO	174
TRAVEL	174
PACTOLE	174
SAVINO	174
TYRION	174
TRICOLOR	173
OBERNAY	173
TOSHIBA	173
ROANNAIS	172
TOUILLO	172
THOMSON	172
RINGOSTAR	171
ROOFTOP	171
SANDERO	171

	ISU
SPEEDY	171
TCHECK	171
TENNESSEE	171
TUVALU	171
SERVINO	170
TELEMAQUE	170
TAZMAN	168
TIESTO	168
TOSCAN	168
REMIX	166
SOURIEZ	165
TARMAC	165
TELIMAR	165
ROTTERDAM	164
TIGUAN	164

	ISU
TENOR	162
SKIPER	160
REPEAT	160
TIAGO	158
OLIVO	157
UKLIC P	156
NEUTRINO	155
OMELO	155
NYX	154
RANGER P	150
SPENCER P	143
TASSIMO P	142

POWERFULL



SOLIDS



GRAZING



NEUTRINO

JILBEER | FADIL | ROBIN - FR 3803364134 - aAa 513462

PRODUCTION Daughters 2256 Rel. 95% Dairy Synthesis +79

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+768	+60	+67	+0,47	+0,50	+3,3	+0,9	BB	A2A2



NEUTRINO Daughter Pampas



ISU 155

HEALTH

	-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	0,8	NON IMPROVER				IMPROVER
UDDER HEALTH	-0,3	NON IMPROVER				IMPROVER
FERTILITY	-0,3	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	-0,2	NON IMPROVER				IMPROVER

FUNCTIONAL MTF | MIF | NC

M Speed	TEM	Calv. Ease	Calv. Ease	
102	103	95	95	easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	105	POOR				EXCELLENT
STATURE	92	SHORT				TALL
FEET & LEGS	114	POOR				EXCELLENT
UDDER	103	POOR				EXCELLENT
TEATS	93	POOR				EXCELLENT
BEEF VALUE	110	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	0,6	POOR				EXCELLENT

0,1

OCLIPSE

MARLEY | ILLUSION | RAPALLO - FR 2538152299 - aAa 234165

PRODUCTION Daughters 70 Rel. 89% Dairy Synthesis +39

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+373	+32	+22	+0,30	+0,12	+1,3	-1,5	BB	A2A2



OCLIPSE Daughter Shanel



ISU 179

HEALTH

	-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	1,8	NON IMPROVER				IMPROVER
UDDER HEALTH	3,1	NON IMPROVER				IMPROVER
FERTILITY	0,4	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	2	NON IMPROVER				IMPROVER

4,3

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease		
92	103	95		easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	111	POOR				EXCELLENT
STATURE	117	SHORT				TALL
FEET & LEGS	117	POOR				EXCELLENT
UDDER	128	POOR				EXCELLENT
TEATS	111	POOR				EXCELLENT
BEEF VALUE	119	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	1,1	POOR				EXCELLENT

131

NYX

JEREMIAH | UNIMAC | MOHAIR - FR 2531692860 - aAa 516342

PRODUCTION Daughters 1467 Rel. 95% Dairy Synthesis +41

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+981	+34	+39	+0,03	-0,02	+0,2	-0,4	AB	A1A2



NYX Daughter Rouanne



ISU 154

HEALTH

	-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	0,3	NON IMPROVER				IMPROVER
UDDER HEALTH	1	NON IMPROVER				IMPROVER
FERTILITY	0,1	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	0,7	NON IMPROVER				IMPROVER

1,2

FUNCTIONAL MTF | MIF | NC

M Speed	TEM	Calv. Ease	Calv. Ease	
107	120	95	95	easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	114	POOR				EXCELLENT
STATURE	116	SHORT				TALL
FEET & LEGS	118	POOR				EXCELLENT
UDDER	111	POOR				EXCELLENT
TEATS	102	POOR				EXCELLENT
BEEF VALUE	114	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	-1,1	POOR				EXCELLENT

OLIVO

MALOR | INVIVO | BRINK - FR 2525973743 - aAa 561423

PRODUCTION Daughters 260 Rel. 95% Dairy Synthesis +52

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1048	+38	+66	+0,06	+0,34	+0,9	+0,3	AB	A1A2



OLIVO Daughter Sarah



ISU 157

HEALTH

	-1	0	1	2	2,5	

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OMELO

MACINTOSH | HELUX | FUSIONNEL - FR 5353907096 - aAa 432516

PRODUCTION Daughters 1007 Rel. 95%

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1600	+55	+50	+0,03	-0,19	0	-0,6	BB	A2A2



ISU 155

HEALTH

0,9

HOOF HEALTH SYNTHESIS	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,6	NON IMPROVER				IMPROVER
FERTILITY	-0,1	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	0,3	NON IMPROVER				IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	normal
83	95	89	94	

TYPE

124

BODY CAPACITY	116	POOR	100	112	124	130	EXCELLENT
STATURE	122	SHORT	100	TALL			
FEET & LEGS	107	POOR	100	112			EXCELLENT
UDDER	129	POOR	100	112			EXCELLENT
TEATS	101	POOR	100	112			EXCELLENT
BEEF VALUE	84	POOR	100	112			EXCELLENT
BEEF ABILITIES	0,2	POOR	100	112			EXCELLENT

RECORDMAN

MINNESOTA | JEBOLAN | HYPER - FR 2223641060 - aAa 243651

PRODUCTION Daughters 0 Rel. 77%

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1116	+50	+44	+0,21	-0,02	+0,7	-1	BB	A2A2



ISU 169

HEALTH

2,6

HOOF HEALTH SYNTHESIS	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,6	NON IMPROVER				IMPROVER
FERTILITY	1,6	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	1,2	NON IMPROVER				IMPROVER

FUNCTIONAL MTC | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
105	120	91		

TYPE

123

BODY CAPACITY	116	POOR	100	112	124	130	EXCELLENT
STATURE	116	SHORT	100	TALL			
FEET & LEGS	113	POOR	100	112			EXCELLENT
UDDER	119	POOR	100	112			EXCELLENT
TEATS	98	POOR	100	112			EXCELLENT
BEEF VALUE	97	POOR	100	112			EXCELLENT
BEEF ABILITIES	-0,3	POOR	100	112			EXCELLENT

REMIX

OPIANO | LELABEL | GARGANO - FR 4320812083 - aAa 243165

PRODUCTION Daughters 0 Rel. 76%

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1923	+66	+66	+0,08	-0,16	-0,8	-1,2	AB	A1A2



ISU 166

HEALTH

1,2

HOOF HEALTH SYNTHESIS	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,2	NON IMPROVER				IMPROVER
FERTILITY	0,6	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	1,1	NON IMPROVER				IMPROVER

FUNCTIONAL MTC | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
99	110	95	95	

TYPE

113

BODY CAPACITY	118	POOR	100	112	124	130	EXCELLENT
STATURE	129	SHORT	100	TALL			
FEET & LEGS	110	POOR	100	112			EXCELLENT
UDDER	106	POOR	100	112			EXCELLENT
TEATS	112	POOR	100	112			EXCELLENT
BEEF VALUE	79	POOR	100	112			EXCELLENT
BEEF ABILITIES	0,1	POOR	100	112			EXCELLENT

PACKOLE

MISTIK | JOLIMOME | HOBBIT - FR 5245423226 - aAa 435261



ISU 174

PRODUCTION

Dairy Synthesis +58

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+904	+46	+48	+0,23	+0,21	+0,9	+0,7	BB	A2A2

Daughters 0 Rel. 76%

TYPE Daughters 0 | Rel. 67%

124

BODY CAPACITY	106	POOR	100	112	12
---------------	-----	------	-----	-----	----

REPEAT

OBERNAY | LELABEL | CARGO - FR 4320817297 - aAa 423651

PRODUCTION

Daughters 0 Rel. 77%							Dairy Synthesis +78	
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1788	+62	+82	+0,06	+0,19	+0,9	-1	AA	A1A1



RINGOSTAR

OLISTER | LOOPI | HALLEZ - FR 5346121762 - aAa 423651

PRODUCTION

Daughters 0 Rel. 76%							Dairy Synthesis +75	
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1279	+59	+69	+0,27	+0,25	+1,3	-0,6	AB	A1A2



RINGOSTAR

ROOFTOP

ODYNO | MILTON | HITCHI - FR 2542672130 - aAa 564123

PRODUCTION

Daughters 0 Rel. 76%							Dairy Synthesis +46	
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+627	+34	+44	+0,22	+0,31	+1,4	+0,5	BB	A1A2



ROOFTOP Gran Dam HITCHI Marine



ISU 160

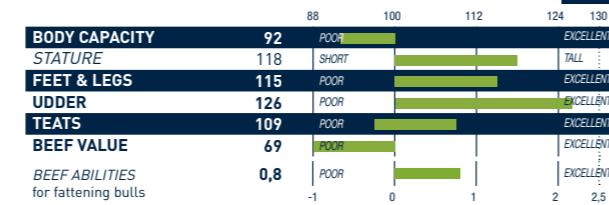
HEALTH

	-1	0	1	2	2.5	
HOOF HEALTH SYNTHESIS	0,9	NON IMPROVER	IMPROVER			
UDDER HEALTH	-0,2	NON IMPROVER	IMPROVER			
FERTILITY	-0,4	NON IMPROVER	IMPROVER			
PRODUCTIVE LIFE	1,1	NON IMPROVER	IMPROVER			

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	
110	97	95	95	easy calving

TYPE



ISU 171

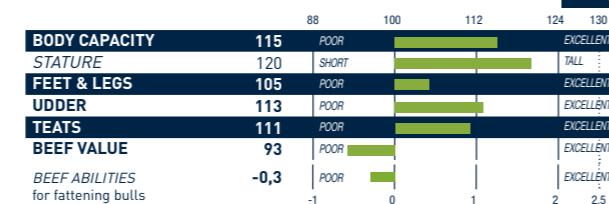
HEALTH

	-1	0	1	2	2.5	
HOOF HEALTH SYNTHESIS	-0,2	NON IMPROVER	IMPROVER			
UDDER HEALTH	0,9	NON IMPROVER	IMPROVER			
FERTILITY	0,3	NON IMPROVER	IMPROVER			
PRODUCTIVE LIFE	0,6	NON IMPROVER	IMPROVER			

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	
104	125	95	95	easy calving

TYPE



ISU 171

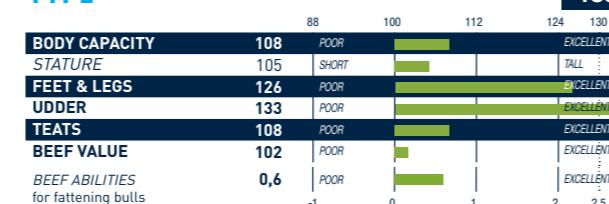
HEALTH

	-1	0	1	2	2.5	
HOOF HEALTH SYNTHESIS	1	NON IMPROVER	IMPROVER			
UDDER HEALTH	1,5	NON IMPROVER	IMPROVER			
FERTILITY	0,5	NON IMPROVER	IMPROVER			
PRODUCTIVE LIFE	1,7	NON IMPROVER	IMPROVER			

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	
111	99	95	95	easy calving

TYPE



ROANNAIS

OVERNIA | MEMPHIS | HORTON - FR 7120200934 - aAa 156423

PRODUCTION

Dairy Synthesis +43						
MILK	P kg	F kg	P%	F%	From'MIR	digeR
+1010	+37	+35	+0,07	-0,09	-0,2	-1,8

Daughters 0 Rel. 76%

TYPE Daughters 0 | Rel. 66 %

124

BODY CAPACITY	108	POOR	EXCELLENT
CHEST WIDTH	110	NARROW	WIDE
CHEST DEPTH	107	SHALLOW	DEEP
THURL WIDTH	102	NARROW	WIDE
RUMP LENGTH	109	SHORT	LONG
RUMP ANGLE	85	SLOPED	FLAT
STATURE	106	SHORT	TALL
FEET & LEGS	116	POOR	EXCELLENT
REAR LEG SET	106	STRAIGHT	SICKLE
FOOT ANGLE	101	LOW	STEEP
REAR LEGS REAR VIEW	106	HOCK-IN	PARALLEL
UDDER	122	POOR	EXCELLENT
FORE UDDER LENGTH	112	LOOSE	STRONG
REAR UDDER HEIGHT	105	LOW	HIGH
REAR UDDER WIDTH	105	NARROW	WIDE
UDDER DEPTH	114	DEEP	SHALLOW
UDDER BALANCE	106	MORE REAR	MORE FORE
UDDER CLEFT	112	WEAK	STRONG
FRONT TEAT PLACEMENT	104	WIDE	CLOSE
TEATS	109	POOR	EXCELLENT
TEAT LENGTH	106	LONG	SHORT
BEEF VALUE	109	POOR	EXCELLENT
BEEF ABILITIES for fattening bulls	0	POOR	EXCELLENT

ROANNAIS Dam MEMPHIS Ogazelle



ISU 172

HEALTH

3,2



ISU
174

PRODUCTION

Dairy Synthesis +74

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1084	+54	+82	+0,26	+0,56	+3,1	+1,2	BB	A2A2

Daughters 0 Rel. 76%

TYPE

Daughters 0 | Rel. 67 %

114



ROYCO Aunt LOOPI Orange

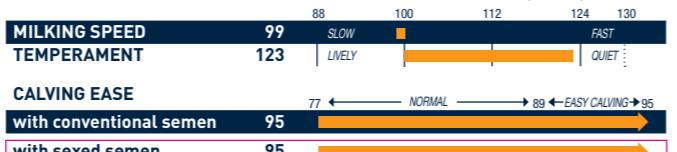
HEALTH

1,7

HOOF HEALTH SYNTHESIS	1,2	NON IMPROVER	1	2	2,5	IMPROVER
UDDER HEALTH	0,3	NON IMPROVER				IMPROVER
FERTILITY	1,1	NON IMPROVER	1			IMPROVER
PRODUCTIVE LIFE	1,2	NON IMPROVER				IMPROVER

FUNCTIONAL

MTF | MIF | MTRF



ISU
188

PRODUCTION

Dairy Synthesis +67

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1782	+57	+63	-0,05	-0,16	-0,6	0	AB	A1A2

Daughters 0 Rel. 76%

HEALTH

2,6

HOOF HEALTH SYNTHESIS	0	NON IMPROVER	II	1	2	2,5	IMPROVER
UDDER HEALTH	3,1	NON IMPROVER					IMPROVER
FERTILITY	0,8	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	1,2	NON IMPROVER					IMPROVER

TYPE

Daughters 0 | Rel. 67 %

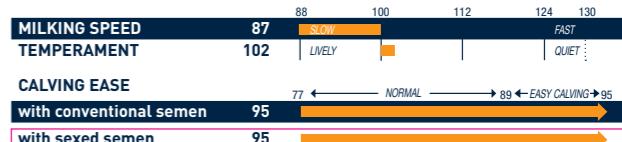
120



SACHA Dam INGENIO Macha

FUNCTIONAL

MTF | MIF | MTRF



SKIPER

HEALTH

0,4

HOOF HEALTH SYNTHESIS	-0,1	NON IMPROVER	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,7	NON IMPROVER					IMPROVER
FERTILITY	0,6	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	0	NON IMPROVER					IMPROVER

PRODUCTION

Dairy Synthesis +61

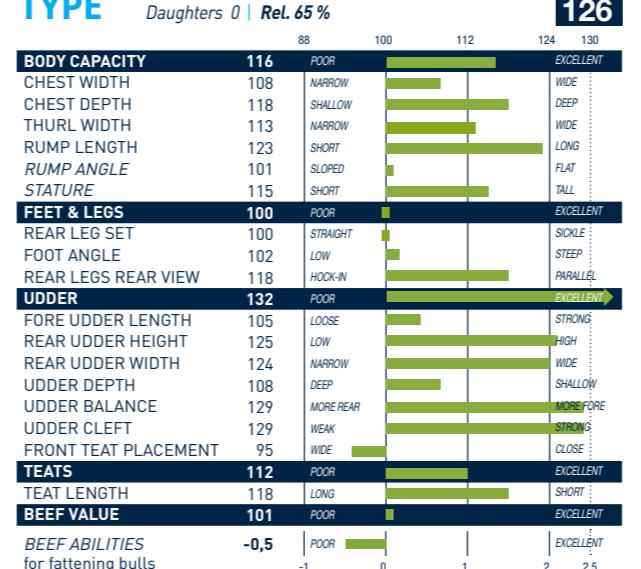
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+863	+47	+52	+0,31	+0,32	+1,2	+0,8	BB	A2A2

Daughters 0 Rel. 76%

TYPE

Daughters 0 | Rel. 65 %

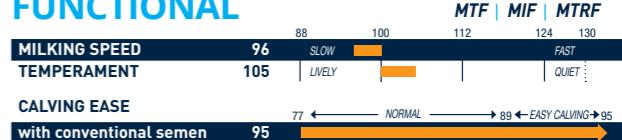
126



SKIPER Dam ISOBUS Mache

FUNCTIONAL

MTF | MIF | MTRF



SANDERO

OSSITO | LOTMAN | HACKER - FR 8844343151 - aAa 516342

PRODUCTION Daughters 0 Rel. 77% **Dairy Synthesis +52**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1274	+43	+51	+0,03	+0,01	0	-0,5	BB	A2A2



SANDERO Dam: LOTMAN/Ombrette



ISU 171

HEALTH

		-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	-0,2	NON IMPROVER					IMPROVER
UDDER HEALTH	-0,4	NON IMPROVER					IMPROVER
FERTILITY	0,8	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	2,1	NON IMPROVER					IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	
123	128	95	95	easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	117	POOR				EXCELLENT
STATURE	116	SHORT				TALL
FEET & LEGS	120	POOR				EXCELLENT
UDDER	123	POOR				EXCELLENT
TEATS	112	POOR				EXCELLENT
BEEF VALUE	119	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	1,4	POOR				EXCELLENT

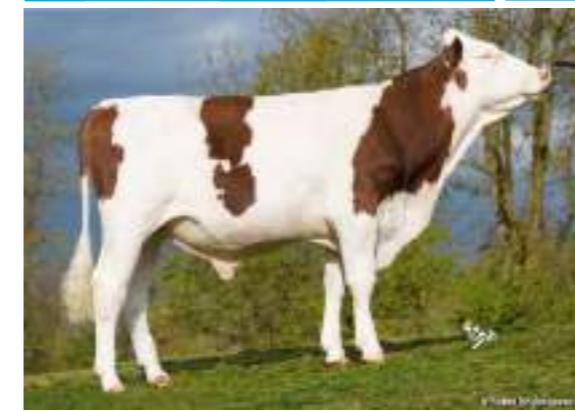
1,3

SOURIEZ

OCCLIPSE | MARMADUC | LANDOS - FR 2550182661 - aAa 342516

PRODUCTION Daughters 0 Rel. 76% **Dairy Synthesis +64**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+739	+50	+47	+0,41	+0,28	+2,6	-2,1	BB	A2A2



SOURIEZ



ISU 165

HEALTH

	-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	0,6	NON IMPROVER				IMPROVER
UDDER HEALTH	0,9	NON IMPROVER				IMPROVER
FERTILITY	-0,4	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	1	NON IMPROVER				IMPROVER

1,4

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	
114	109	95	95	easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	103	POOR				EXCELLENT
STATURE	110	SHORT				TALL
FEET & LEGS	112	POOR				EXCELLENT
UDDER	124	POOR				EXCELLENT
TEATS	101	POOR				EXCELLENT
BEEF VALUE	111	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	0,1	POOR				EXCELLENT

121

SAVINO

PARAGUAY | MITSOUKO | ILLUSION - FR 7302329261 - aAa 243165

PRODUCTION Daughters 0 Rel. 75% **Dairy Synthesis +54**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+941	+43	+48	+0,18	+0,15	+0,9	-0,3	BB	A2A2



SAVINO Dam: MITSOUKO/Ochre



ISU 174

HEALTH

	-1	0	1	2	2,5	
HOOF HEALTH SYNTHESIS	1,1	NON IMPROVER				IMPROVER
UDDER HEALTH	1,8	NON IMPROVER				IMPROVER
FERTILITY	0,7	NON IMPROVER				IMPROVER
PRODUCTIVE LIFE	1,3	NON IMPROVER				IMPROVER

**TYPE**

	88	100	112	124	130	
BODY CAPACITY	107	POOR				EXCELLENT
STATURE	111	SHORT				TALL
FEET & LEGS	104	POOR				EXCELLENT
UDDER	124	POOR				EXCELLENT
TEATS	105	POOR				EXCELLENT
BEEF VALUE	105	POOR				EXCELLENT
BEEF ABILITIES for fattening bulls	1	POOR				EXCELLENT



2,7

SOYANS Dam: NOELCERNEU/Provence

SOYANS

PRETTO | NOELCERNEU | JULKO - FR 4321818158 - aAa 432561

PRODUCTION Daughters 0 Rel. 75% **Dairy Synthesis +51**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas

SPENCER P

PITTSBURGH | JOLIMOME | TRIOMPHE - FR 4822121919 - aAa 435261



ISU
143

PRODUCTION

Dairy Synthesis +42							
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas B-Cas
+1376	+37	+41	-0,12	-0,22	-1,4	+1,3	AA A1A1
Daughters 0 Rel. 74%							

HEALTH

	HOOF HEALTH SYNTHESIS	0,3	-1	0	1	2	2,5
UDDER HEALTH	0,3	NON IMPROVER					IMPROVER
FERTILITY	-0,2	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	1,8	NON IMPROVER					IMPROVER

TYPE

	Daughters 0	Rel. 64 %	111		
BODY CAPACITY	114	POOR	EXCELLENT		
CHEST WIDTH	98	NARROW	WIDE		
CHEST DEPTH	123	SHALLOW	DEEP		
THURL WIDTH	115	NARROW	LONG		
RUMP LENGTH	123	SHORT	LONG		
RUMP ANGLE	105	SLOPED	FLAT		
STATURE	115	SHORT	TALL		
FEET & LEGS	94	POOR	EXCELLENT		
REAR LEG SET	106	STRAIGHT	SICKLE		
FOOT ANGLE	115	LOW	STEEP		
REAR LEGS REAR VIEW	94	HOCK-IN	PARALLEL		
UDDER	119	POOR	EXCELLENT		
FORE UDDER LENGTH	122	LOOSE	STRONG		
REAR UDDER HEIGHT	103	LOW	HIGH		
REAR UDDER WIDTH	107	NARROW	WIDE		
UDDER DEPTH	96	DEEP	SHALLOW		
UDDER BALANCE	130	MORE REAR	MORE FORE		
UDDER CLEFT	136	WEAK	STRONG		
FRONT TEAT PLACEMENT	95	WIDE	CLOSE		
TEATS	99	POOR	EXCELLENT		
TEAT LENGTH	102	LONG	SHORT		
BEEF VALUE	78	POOR	EXCELLENT		
BEEF ABILITIES for fattening bulls	0,4	POOR	EXCELLENT		
	-1	0	1	2	2,5

FUNCTIONAL

	MILKING SPEED	105	88	100	112	124	130
TEMPERAMENT	109	LIVELY					QUIET
CALVING EASE			77	NORMAL	89	EASY CALVING	95
with conventional semen	86						
with sexed semen	92						



SPENCER P

SURF

OGIVE | MACINTOSH | HUMMER - FR 6951158669 - aAa 516432



ISU
180

PRODUCTION

Dairy Synthesis +46							
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas B-Cas
+699	+34	+48	+0,18	+0,29	+1	-0,2	AB A1A2
Daughters 0 Rel. 77%							

HEALTH

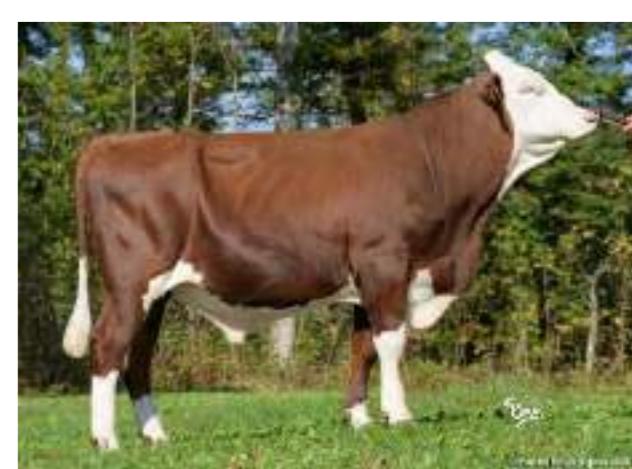
	HOOF HEALTH SYNTHESIS	1,1	-1	0	1	2	2,5
UDDER HEALTH	1,5	NON IMPROVER					IMPROVER
FERTILITY	2,8	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	2,1	NON IMPROVER					IMPROVER

TYPE

	Daughters 0	Rel. 67 %	133		
BODY CAPACITY	112	POOR	EXCELLENT		
CHEST WIDTH	118	NARROW	WIDE		
CHEST DEPTH	108	SHALLOW	DEEP		
THURL WIDTH	104	NARROW	WIDE		
RUMP LENGTH	114	SHORT	LONG		
RUMP ANGLE	83	SLOPED	FLAT		
STATURE	120	SHORT	TALL		
FEET & LEGS	115	POOR	EXCELLENT		
REAR LEG SET	85	STRAIGHT	SICKLE		
FOOT ANGLE	101	LOW	STEEP		
REAR LEGS REAR VIEW	119	HOCK-IN	PARALLEL		
UDDER	122	POOR	EXCELLENT		
FORE UDDER LENGTH	124	LOOSE	STRONG		
REAR UDDER HEIGHT	106	LOW	HIGH		
REAR UDDER WIDTH	99	NARROW	WIDE		
UDDER DEPTH	115	DEEP	SHALLOW		
UDDER BALANCE	127	MORE REAR	MORE FORE		
UDDER CLEFT	104	WEAK	STRONG		
FRONT TEAT PLACEMENT	105	WIDE	CLOSE		
TEATS	108	POOR	EXCELLENT		
TEAT LENGTH	100	LONG	SHORT		
BEEF VALUE	105	POOR	EXCELLENT		
BEEF ABILITIES for fattening bulls	-0,8	POOR	EXCELLENT		
	-1	0	1	2	2,5

FUNCTIONAL

	MILKING SPEED	96	88	100	112	124	130
TEMPERAMENT	97	LIVELY					QUIET
CALVING EASE			77	NORMAL	89	EASY CALVING	95
with conventional semen	95						
with sexed semen	95						



SURF

STRASS

OBERNAY | MORTIMER | JOYLAND - FR 01222122888 - aAa 435261



ISU
182

PRODUCTION

Dairy Synthesis +46							
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas B-Cas
+1337	+41	+38	-0,05	-0,26	-1,3	+0,6	AB A1A2
Daughters 0 Rel. 76%							

HEALTH

	HOOF HEALTH SYNTHESIS	1,2	-1	0	1	2	2,5
UDDER HEALTH	1,9	NON IMPROVER					IMPROVER
FERTILITY	0,9	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	3	NON IMPROVER	</				

SYROCCO

ODYNO | MACINTOSH | IDROLIC - FR 2531693485 - aAa 546321



ISU
177

PRODUCTION

Dairy Synthesis +67

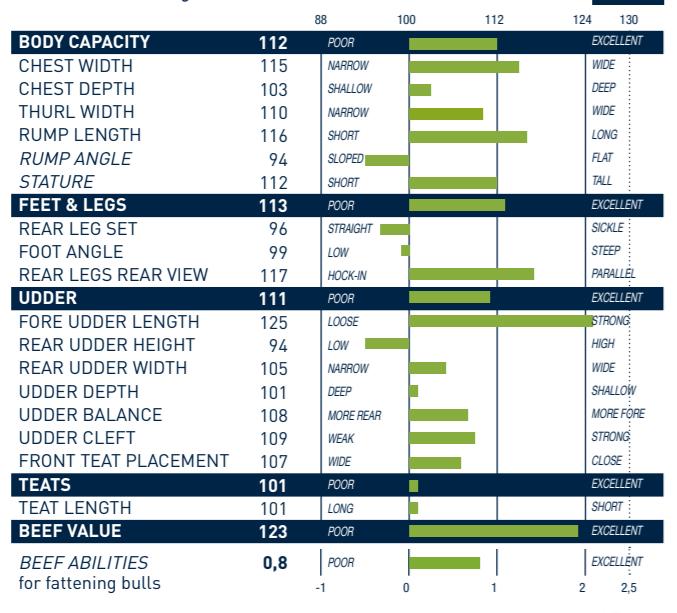
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1359	+53	+65	+0,13	+0,16	+1,2	+0,5	BB	A2A2

Daughters 0 Rel. 76%

TYPE

Daughters 0 | Rel. 67 %

121



SYROCCO

HEALTH

ISU
177

Dairy Synthesis +67

HOOF HEALTH SYNTHESIS	0,9	NON IMPROVER	1	2	2,5
UDDER HEALTH	1,2	NON IMPROVER	1	2	2,5
FERTILITY	0,1	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	1,1	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

MILKING SPEED	96	88	SLOW	100	FAST
TEMPERAMENT	110	110	LIVELY	112	QUIET
CALVING EASE	95	77	NORMAL	89	EASY CALVING → 95
with conventional semen	95	77	NORMAL	89	EASY CALVING → 95
with sexed semen	95	77	NORMAL	89	EASY CALVING → 95



TARMAC

PALADIO | NANOC | IMPEC - FR 2539843261 - aAa 423651

PRODUCTION

Daughters 0 Rel. 73%

Dairy Synthesis +66

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+975	+49	+68	+0,25	+0,43	+1,5	-1,3	BB	A2A2

Daughters 0 Rel. 76%

TARMAC Dam NANOC Racefile

TAZMAN

RAFIKI | NASCAR | JIBICE - FR 2530186075 - aAa 423651

PRODUCTION

Daughters 0 Rel. 71%

Dairy Synthesis +49

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+883	+38	+49	+0,13	+0,20	+0,6	-0,9	BB	A1A2

Daughters 0 Rel. 76%

TAZMAN Dam NASCAR Rubarbe



ISU 165

HEALTH

1,4

NEW

HOOF HEALTH SYNTHESIS	0,4	NON IMPROVER	1	2	2,5
UDDER HEALTH	1,8	NON IMPROVER	1	2	2,5
FERTILITY	0,3	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	0,2	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
97	99	95	95

easy calving

TYPE

108

BODY CAPACITY	100	POOR	1	2	2,5
STATURE	103	SHORT	1	2	2,5
FEET & LEGS	97	POOR	1	2	2,5
UDDER	117	POOR	1	2	2,5
TEATS	108	POOR	1	2	2,5
BEEF VALUE	98	POOR	1	2	2,5
BEEF ABILITIES for fattening bulls	-0,9	POOR	1	2	2,5

HEALTH

2,7

NEW

HOOF HEALTH SYNTHESIS	0,6	NON IMPROVER	1	2	2,5
UDDER HEALTH	2,2	NON IMPROVER	1	2	2,5
FERTILITY	0,7	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	1,3	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
94	104	95	95

easy calving

TYPE

110

BODY CAPACITY	106	POOR	1	2	2,5
STATURE	108	SHORT	1	2	2,5
FEET & LEGS	97	POOR	1	2	2,5
UDDER	115	POOR	1	2	2,5
TEATS	114	POOR	1	2	2,5
BEEF VALUE	101	POOR	1	2	2,5
BEEF ABILITIES for fattening bulls	1	POOR	1	2	2,5

HEALTH

1,3

NEW

| HOOF HEALTH SYNTHESIS | -0,5 | NON IMPROVER | 1 | 2 |
<th
| --- | --- | --- | --- | --- |

TASSIMO P

POWERFULL | OREO | JOLIMOME - FR 0122002868 - aAa 561423



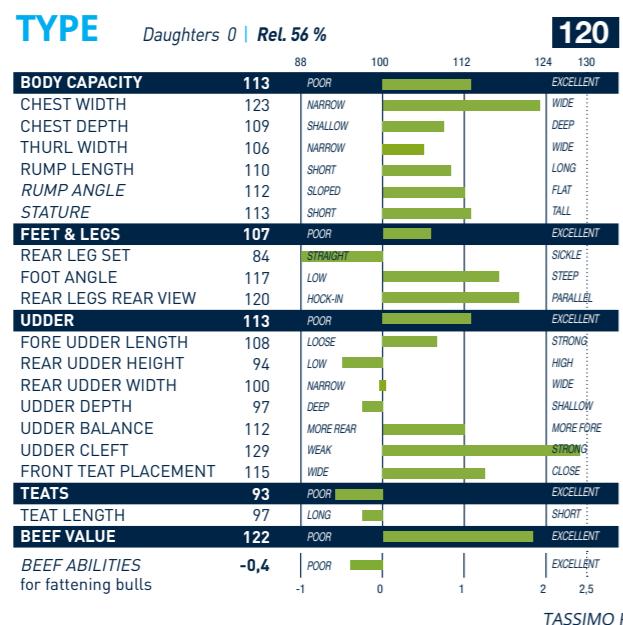
ISU
142

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	
+982	+27	+39	-0,08	-0,02	0	+0,2		AB	A1A1	

Daughters 0 Rel. 67%

Dairy Synthesis +33



TASSIMO P

HEALTH

	HOOF HEALTH SYNTHESIS	0,5	-1	0	1	2	2,5	
UDDER HEALTH	-0,6	NON IMPROVER						IMPROVER
FERTILITY	0,6	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	1	NON IMPROVER						IMPROVER

NEW

FUNCTIONAL

	MILKING SPEED	117	88	100	112	124	130	MTC MIF MTRF
TEMPERAMENT	119	LIVELY						QUIET

CALVING EASE with conventional semen 95 ← NORMAL → 89 ← EASY CALVING → 95

with sexed semen 95 ← →



TASSIMO P

TELIDO

PEPS | INGENIO | GIOVANNI - FR 7120332279 - aAa 564123



ISU
175

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	
+873	+41	+56	+0,20	+0,31	+1,4	+0,9		AB	A1A2	

Daughters 0 Rel. 75%

Dairy Synthesis +55



	88	100	112	124	130
BODY CAPACITY	94	POOR			EXCELLENT
CHEST WIDTH	95	NARROW			WIDE
CHEST DEPTH	92	SHALLOW			DEEP
THURL WIDTH	100	NARROW			WIDE
RUMP LENGTH	90	SHORT			LONG
RUMP ANGLE	97	SLOPED			FLAT
STATURE	101	SHORT			TALL
FEET & LEGS	97	POOR			EXCELLENT
REAR LEG SET	107	STRAIGHT			SICKLE
FOOT ANGLE	97	LOW			STEEP
REAR LEGS REAR VIEW	99	HOCK-IN			PARALLEL
UDDER	118	POOR			EXCELLENT
FORE UDDER LENGTH	122	LOOSE			STRONG
REAR UDDER HEIGHT	116	LOW			HIGH
REAR UDDER WIDTH	102	NARROW			WIDE
UDDER DEPTH	103	DEEP			SHALLOW
UDDER BALANCE	109	MORE REAR			MORE FORE
UDDER CLEFT	114	WEAK			STRONG
FRONT TEAT PLACEMENT	102	WIDE			CLOSE
TEATS	107	POOR			EXCELLENT
TEAT LENGTH	106	LONG			SHORT
BEEF VALUE	95	POOR			EXCELLENT
BEEF ABILITIES	0,7	POOR	1	2	2,5
for fattening bulls	-1	0	1	2	2,5

TELIDO

HEALTH

	HOOF HEALTH SYNTHESIS	0,4	-1	0	1	2	2,5	
UDDER HEALTH	2,4	NON IMPROVER						IMPROVER
FERTILITY	1,3	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	1,7	NON IMPROVER						IMPROVER

NEW

FUNCTIONAL

	MILKING SPEED	104	88	100	112	124	130	MTF MIF MTRF
TEMPERAMENT	105	LIVELY						QUIET

CALVING EASE with conventional semen 95 ← NORMAL → 89 ← EASY CALVING → 95

with sexed semen 95 ← →



TELIDO

TELEMAQUE

PARRAIN | JULKO | CARGO - FR 5945336077 - aAa 561432



ISU
170

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	
+1097	+44	+55	+0,13	+0,17	+1	-0,3		BB	A2A2	

Daughters 0 Rel. 71%

Dairy Synthesis +56



	88	100	112	124	130
BODY CAPACITY	109	POOR			EXCELLENT
CHEST WIDTH	123	NARROW	WIDE		
CHEST DEPTH	106	SHALLOW	DEEP		
THURL WIDTH	104	NAR			

TENNESSEE

PIKATCHU | OMER | LANCASTER - FR 2527293994 - aAa 561423

PRODUCTION Daughters 0 Rel. 71% **Dairy Synthesis +70**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1325	+55	+66	+0,19	+0,21	+1,4	-1	AB	A1A2



ISU 171

HEALTH

1,2

HOOF HEALTH SYNTHESIS	0,8	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	1	NON IMPROVER						IMPROVER
FERTILITY	0,1	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	0,3	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
103	115	94	95	

TYPE

124

BODY CAPACITY	97	POOR	88	100	112	124	130	EXCELLENT
STATURE	106	SHORT						TALL
FEET & LEGS	132	POOR						EXCELLENT
UDDER	120	POOR						EXCELLENT
TEATS	104	POOR						EXCELLENT
BEEF VALUE	108	POOR						EXCELLENT
BEEF ABILITIES for fattening bulls	-0,6	POOR	-1	0	1	2	2,5	EXCELLENT

TETHYS

PAVLOFF | MALPUECH | ISOBUS - FR 7045281944 - aAa 534162

PRODUCTION Daughters 0 Rel. 71% **Dairy Synthesis +35**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+687	+28	+34	+0,09	+0,08	+0,7	+0,7	AB	A1A2



ISU 176

HEALTH

3,6

HOOF HEALTH SYNTHESIS	0,8	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	2,3	NON IMPROVER						IMPROVER
FERTILITY	1,4	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	2,3	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRC

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
107	120	95	95	

TYPE

126

BODY CAPACITY	122	POOR	88	100	112	124	130	EXCELLENT
STATURE	120	SHORT						TALL
FEET & LEGS	115	POOR						EXCELLENT
UDDER	116	POOR						EXCELLENT
TEATS	103	POOR						EXCELLENT
BEEF VALUE	103	POOR						EXCELLENT
BEEF ABILITIES for fattening bulls	0,5	POOR	-1	0	1	2	2,5	EXCELLENT

TENOR

RAINBOW | NIRVANAVR | GINASTERA - FR 2538943552 - aAa 465231

PRODUCTION Daughters 0 Rel. 71% **Dairy Synthesis +70**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+89	+50	+73	+0,36	+0,61	+2,8	+1	BB	A2A2



ISU 162

HEALTH

1,2

HOOF HEALTH SYNTHESIS	0,7	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,1	NON IMPROVER						IMPROVER
FERTILITY	0	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	1,1	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
112	118	95	95	

TYPE

114

BODY CAPACITY	113	POOR	88	100	112	124	130	EXCELLENT
STATURE	112	SHORT						TALL
FEET & LEGS	109	POOR						EXCELLENT
UDDER	109	POOR						EXCELLENT
TEATS	95	POOR						EXCELLENT
BEEF VALUE	92	POOR	-1	0	1	2	2,5	EXCELLENT
BEEF ABILITIES for fattening bulls	-0,1	POOR						EXCELLENT

THOMSON

RODELICE | OSUCHAUX | HISTONE - FR 7402979460 - aAa

PRODUCTION Daughters 0 Rel. 71% **Dairy Synthesis +62**

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1386	+47	+73	+0,02	+0,26	+0,8	+0,2	BB	A2A2



ISU 172

HEALTH

1,8

HOOF HEALTH SYNTHESIS	0,8	NON IMPROVER	-1	0	1	2	2,5	IMPROVER

<

TICTAK

RINVADER | ONEMILLION | LEADER - FR 7039050964 - aAa 645123

PRODUCTION

Dairy Synthesis +46							
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas B-Cas
+851	+35	+48	+0,11	+0,23	+0,6	+1,7	AB A1A2

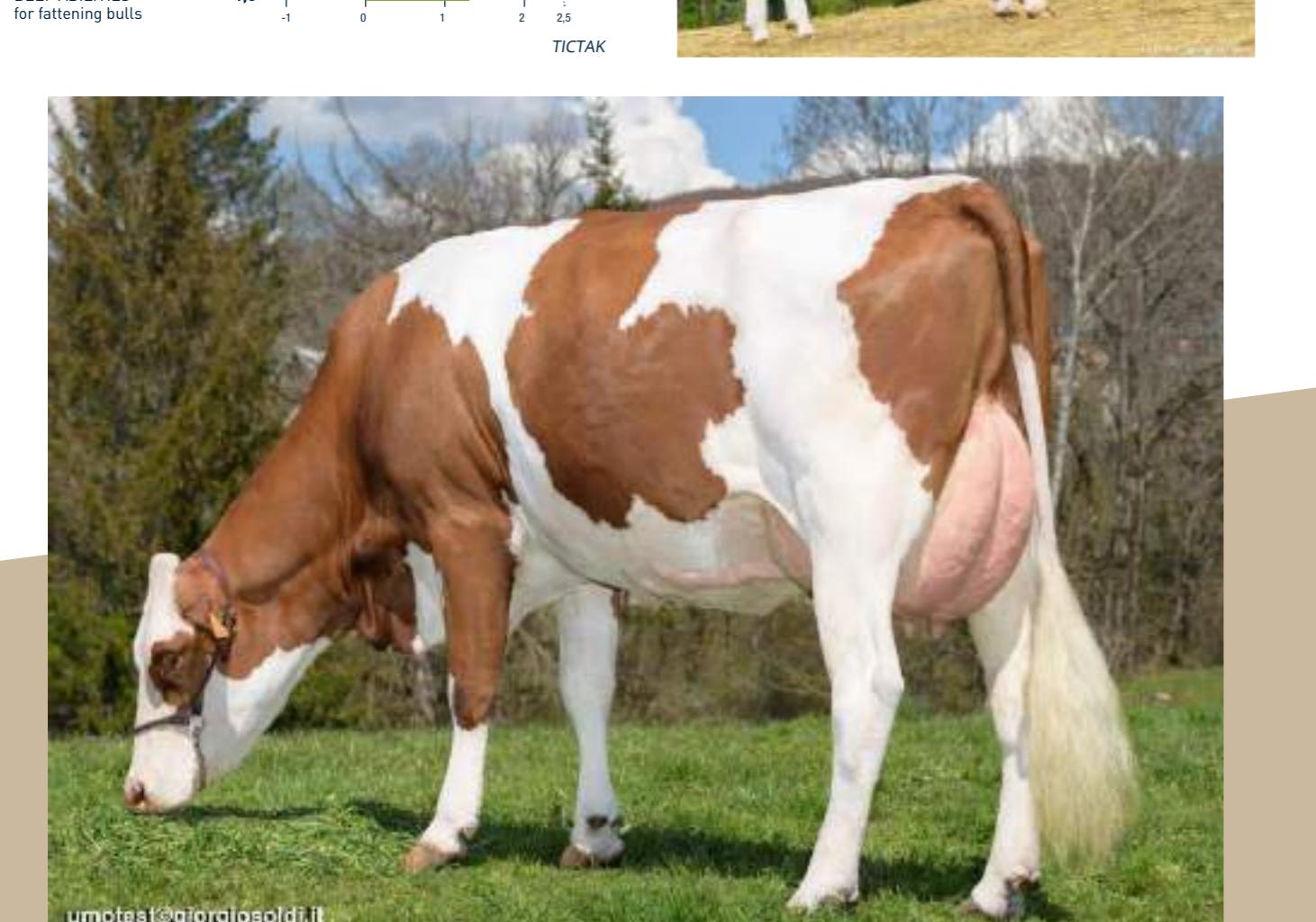
Daughters 0 Rel. 71%

TYPE

Daughters 0 | Rel. 60 %

	88	100	112	124	130	
BODY CAPACITY	114	POOR		EXCELLENT		
CHEST WIDTH	106	NARROW		WIDE		
CHEST DEPTH	117	SHALLOW		DEEP		
THURL WIDTH	103	NARROW		WIDE		
RUMP LENGTH	128	SHORT		LONG		
RUMP ANGLE	77	SLOPED		FLAT		
STATURE	135	SHORT		TALL		
FEET & LEGS	122	POOR		EXCELLENT		
REAR LEG SET	85	STRAIGHT		SICKLE		
FOOT ANGLE	100	LOW		STEEP		
REAR LEGS REAR VIEW	113	HOCK-IN		PARALLEL		
UDDER	141	POOR		EXCELLENT		
FORE UDDER LENGTH	131	LOOSE		STRONG		
REAR UDDER HEIGHT	117	LOW		HIGH		
REAR UDDER WIDTH	130	NARROW		WIDE		
UDDER DEPTH	124	DEEP		SHALLOW		
UDDER BALANCE	141	MORE REAR		MOREFORE		
UDDER CLEFT	114	WEAK		STRONG		
FRONT TEAT PLACEMENT	141	WIDE		CLOSE		
TEATS	104	POOR		EXCELLENT		
TEAT LENGTH	100	LONG		SHORT		
BEEF VALUE	96	POOR		EXCELLENT		
BEEF ABILITIES for fattening bulls	1,3	POOR		EXCELLENT		
	-1	0	1	2	2,5	

TICTAK Aunt, MISTIK Pembrook



ISU
184



42

HEALTH

SOLIDS

HEALTH

			4,0
HOOF HEALTH SYNTHESIS	1,4	NON IMPROVER	IMPROVER
UDDER HEALTH	1,6	NON IMPROVER	IMPROVER
FERTILITY	1,6	NON IMPROVER	IMPROVER
PRODUCTIVE LIFE	2,8	NON IMPROVER	IMPROVER

FUNCTIONAL

	MTF	MIF	MTRF
MILKING SPEED	103	SLOW	FAST
TEMPERAMENT	94	LIVELY	QUIET
CALVING EASE	77	NORMAL	EASY CALVING → 95
with conventional semen	95		
with sexed semen	95		



TIESTO

PORTORICO | NINTENDO | LONESTAR - FR 2541222328 - aAa 423651

PRODUCTION

Daughters 0 Rel. 71% Dairy Synthesis +73

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas B-Cas
+1566	+58	+73	+0,10	+0,19	-0,1	+0,9	AB A1A2



ISU 168

HEALTH

	-1	0	1	2	2,5
HOOF HEALTH SYNTHESIS	0,7	NON IMPROVER	IMPROVER		
UDDER HEALTH	-0,3	NON IMPROVER	IMPROVER		
FERTILITY	1,9	NON IMPROVER	IMPROVER		
PRODUCTIVE LIFE	1	NON IMPROVER	IMPROVER		

FUNCTIONAL

MTC | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
112	108	95	95

easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	105	POOR		EXCELLENT		
STATURE	100	SHORT		TALL		
FEET & LEGS	126	POOR		EXCELLENT		
UDDER	119	POOR		EXCELLENT		
TEATS	99	POOR		EXCELLENT		
BEEF VALUE	81	POOR		EXCELLENT		
BEEF ABILITIES for fattening bulls	-1,2	-1	0	1	2	2,5

ISU 180

HEALTH

	-1	0	1	2	2,5
HOOF HEALTH SYNTHESIS	0	NON IMPROVER	IMPROVER		
UDDER HEALTH	2,1	NON IMPROVER	IMPROVER		
FERTILITY	1,4	NON IMPROVER	IMPROVER		
PRODUCTIVE LIFE	1,8	NON IMPROVER	IMPROVER		

FUNCTIONAL

MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
97	98	95	95

easy calving

TYPE

	88	100	112	124	130	
BODY CAPACITY	100	POOR		EXCELLENT		
STATURE	96	SHORT		TALL		
FEET & LEGS	118	POOR		EXCELLENT		
UDDER	118	POOR		EXCELLENT		
TEATS	108	POOR		EXCELLENT		
BEEF VALUE	112	POOR		EXCELLENT		
BEEF ABILITIES for fattening bulls	0,2	-1	0	1	2	2,5

ISU 168

HEALTH

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TIGUAN

PARRAIN | MARLEY | HALLEZ - FR 3803606878 - aAa 423615

PRODUCTION							Dairy Synthesis +39	
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+899	+33	+32	+0,06	-0,07	+0,5	-1,3	AB	A1A2



TIGUAN Dam MARLEY Porsche



ISU 164

HEALTH

3,0

HOOF HEALTH SYNTHESIS	1,4	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,4	NON IMPROVER						IMPROVER
FERTILITY	0,5	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	2,4	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
120	111	95	95	

TYPE

135

BODY CAPACITY	106	POOR	88	100	112	124	130	EXCELLENT
STATURE	103	SHORT						TALL
FEET & LEGS	119	POOR						EXCELLENT
UDDER	141	POOR						EXCELLENT
TEATS	109	POOR						EXCELLENT
BEEF VALUE	107	POOR						EXCELLENT
BEEF ABILITIES	0,6	POOR	-1	0	1	2	2,5	EXCELLENT

TOUILLOON

RINVADER | MILTON | CRASAT - FR 2548036163 - aAa



ISU 172

PRODUCTION

Dairy Synthesis +30

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+680	+25	+28	+0,02	+0,00	-1,1	+1,2	AB	A1A2

Daughters 0 Rel. 71%

TYPE Daughters 0 | Rel. 60 %

139

BODY CAPACITY	122	POOR	88	100	112	124	130	EXCELLENT
CHEST WIDTH	119	NARROW						WIDE
CHEST DEPTH	128	SHALLOW						DEEP
THURL WIDTH	115	NARROW						WIDE
RUMP LENGTH	123	SHORT						LONG
RUMP ANGLE	102	SLOPED						FLAT
STATURE	130	SHORT						TALL
FEET & LEGS	119	POOR						EXCELLENT
REAR LEG SET	83	STRAIGHT						SICKLE
FOOT ANGLE	100	LOW						STEEP
REAR LEGS REAR VIEW	115	HOCK-IN						PARALLEL
UDDER	138	POOR						EXCELLENT
FORE UDDER LENGTH	121	LOOSE						STRONG
REAR UDDER HEIGHT	112	LOW						HIGH
REAR UDDER WIDTH	111	NARROW						WIDE
UDDER DEPTH	134	DEEP						SHALLOW
UDDER BALANCE	149	MORE REAR						MORE FORE
UDDER CLEFT	115	WEAK						STRONG
FRONT TEAT PLACEMENT	122	WIDE						CLOSE
TEATS	112	POOR						EXCELLENT
TEAT LENGTH	109	LONG						SHORT
BEEF VALUE	98	POOR	-1	0	1	2	2,5	EXCELLENT

BEEF ABILITIES for fattening bulls

HEALTH

3,8

HOOF HEALTH SYNTHESIS	1	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	1,4	NON IMPROVER						IMPROVER
FERTILITY	1,3	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	3,2	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRF

88 100 112 124 130

MILKING SPEED	109	SLOW	88	100	112	124	130	FAST
TEMPERAMENT	100	LIVELY						QUIET
CALVING EASE	77	NORMAL	89	EASY CALVING	95			
with conventional semen	95	CONVENTIONAL						
with sexed semen	95	SEXED						



TOUILLOON

TYRION

ROBSTAR | OFINS | MONBEGON - FR 2524763027 - aAa 546312

PRODUCTION							Dairy Synthesis +44	
MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+889	+35	+42	+0,13	+0,12	+0,9	-0,4	BB	A1A2



44

HEALTH

3,4

HOOF HEALTH SYNTHESIS	1,3	NON IMPROVER	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	1,8	NON IMPROVER						IMPROVER
FERTILITY	1,8	NON IMPROVER						IMPROVER
PRODUCTIVE LIFE	1,8	NON IMPROVER						IMPROVER

FUNCTIONAL MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease	easy calving
94	116	95	95	

TYPE

126

BODY CAPACITY	120	POOR	88	100	

TRADER

RIVEO | OGIVE | LONESTAR - FR 8844558720 - aAa



ISU
181

PRODUCTION

Dairy Synthesis +56

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+904	+47	+38	+0,25	+0,03	+0,9	-0,3	BB	A2A2

Daughters 0 Rel. 71%

TYPE Daughters 0 | Rel. 60 %

138

BODY CAPACITY	112	POOR	88	100	112	124	130	EXCELLENT
CHEST WIDTH	111	NARROW						WIDE
CHEST DEPTH	111	SHALLOW						DEEP
THURL WIDTH	102	NARROW						WIDE
RUMP LENGTH	122	SHORT						LONG
RUMP ANGLE	105	SLOPED						FLAT
STATURE	104	SHORT						TALL
FEET & LEGS	123	POOR						EXCELLENT
REAR LEG SET	102	STRAIGHT						SICKLE
FOOT ANGLE	120	LOW						STEEP
REAR LEGS REAR VIEW	117	HOCK-IN						PARALLEL
UDDER	139	POOR						EXCELLENT
FORE UDDER LENGTH	125	LOOSE						STRONG
REAR UDDER HEIGHT	111	LOW						HIGH
REAR UDDER WIDTH	117	NARROW						WIDE
UDDER DEPTH	127	DEEP						SHALLOW
UDDER BALANCE	144	MORE REAR						MORE FORE
UDDER CLEFT	123	WEAK						STRONG
FRONT TEAT PLACEMENT	125	WIDE						CLOSE
TEATS	106	POOR						EXCELLENT
TEAT LENGTH	112	LONG						SHORT
BEEF VALUE	105	POOR						EXCELLENT
BEEF ABILITIES	0,4	POOR	-1	0	1	2	2,5	EXCELLENT

for fattening bulls

-1 0 1 2 2,5

TRADE

HEALTH

3,2

HOOF HEALTH SYNTHESIS	0,9	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	0,8	NON IMPROVER					IMPROVER
FERTILITY	1,3	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	2,4	NON IMPROVER					IMPROVER

NEW

FUNCTIONAL

MTF | MIF | MTRF

MILKING SPEED	120	SLOW	88	100	112	124	130	FAST
TEMPERAMENT	112	LIVELY						QUIET
CALVING EASE	77	NORMAL	→ 89 ← EASY CALVING → 95					
with conventional semen	95							
with sexed semen	95							



TRAVEL

PALADIO | MARLEY | JIBICE - FR 7033958454 - aAa 423651

PRODUCTION

Dairy Synthesis +62

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1050	+49	+56	+0,24	+0,22	+1,1	-1,9	BB	A2A2

Daughters 0 Rel. 73%

TYPE Daughters 0 | Rel. 62 %

130

BODY CAPACITY	123	POOR	88	100	112	124	130	EXCELLENT
CHEST WIDTH	116	NARROW						WIDE
CHEST DEPTH	126	SHALLOW						DEEP
THURL WIDTH	116	NARROW						WIDE
RUMP LENGTH	132	SHORT						LONG
RUMP ANGLE	98	SLOPED						FLAT
STATURE	137	SHORT						TALL
FEET & LEGS	117	POOR						EXCELLENT
REAR LEG SET	90	STRAIGHT						SICKLE
FOOT ANGLE	105	LOW						STEEP
REAR LEGS REAR VIEW	118	HOCK-IN						PARALLEL
UDDER	121	POOR						EXCELLENT
FORE UDDER LENGTH	123	LOOSE						STRONG
REAR UDDER HEIGHT	98	LOW						HIGH
REAR UDDER WIDTH	133	NARROW						WIDE
UDDER DEPTH	120	DEEP						SHALLOW
UDDER BALANCE	125	MORE REAR						MORE FORE
UDDER CLEFT	105	WEAK						STRONG
FRONT TEAT PLACEMENT	98	WIDE						CLOSE
TEATS	102	POOR						EXCELLENT
TEAT LENGTH	87	LONG						SHORT
BEEF VALUE	104	POOR						EXCELLENT
BEEF ABILITIES	-0,8	POOR	-1	0	1	2	2,5	EXCELLENT

for fattening bulls

-1 0 1 2 2,5

TRADE

HEALTH

1,6

HOOF HEALTH SYNTHESIS	0	-1	0	1	2	2,5	IMPROVER
UDDER HEALTH	1	NON IMPROVER					IMPROVER
FERTILITY	1	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	1	NON IMPROVER					IMPROVER

NEW

FUNCTIONAL

MTF | MIF | MTRF

MILKING SPEED	107	SLOW	88	100	112	124	130	FAST
TEMPERAMENT	106	LIVELY						QUIET
CALVING EASE	77	NORMAL	→ 89 ← EASY CALVING → 95					
with conventional semen	91							
with sexed semen	95							



46

47

HEALTH

GRAZING

SOLIDS

POWERFULL

TRADE Dam OGIVE Riposte

TRAVEL Dam MARLEY Pastelle

TREKKING

RINGOSTAR | NEUTRINO | JOYLAND - FR 5353907545 - aAa



ISU
188

PRODUCTION

Dairy Synthesis +83

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1448	+67	+72	+0,27	+0,18	+1,1	+0,1	AB	A1A2

Daughters 0 Rel. 71%

TYPE

Daughters 0 | Rel. 60 %

126



48



TREKKING Aunt NARPN Palmyre

HEALTH

1,7

HOOF HEALTH SYNTHESIS	0,5	NON IMPROVER	1	2	2,5
UDDER HEALTH	1,4	NON IMPROVER	1	2	2,5
FERTILITY	0,5	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	1,1	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

MILKING SPEED	101	SLOW	100	FAST
TEMPERAMENT	123	LIVELY	100	QUIET
CALVING EASE	77	NORMAL	89	EASY CALVING → 95
with conventional semen	92			
with sexed semen	95			



TREVILLERS

POIZAT | MINNESOTA | HYPER - FR 2548265906 - aAa

PRODUCTION

Daughters 0 Rel. 73%

Dairy Synthesis +74

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+1537	+60	+67	+0,14	+0,11	+0,4	-1,2	AB	A1A2



TRONCY

PORTORICO | ODYNO | HORTON - FR 2532930891 - aAa 546312

PRODUCTION

Daughters 0 Rel. 71%

Dairy Synthesis +39

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+826	+29	+44	+0,05	+0,20	+0,3	-0,2	BB	A2A2



TUVALU

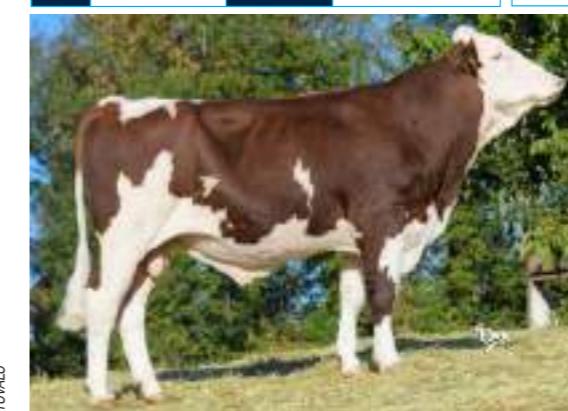
PETERPAN | MINNESOTA | JUOFOREZ - FR 2532946216 - aAa 561432

PRODUCTION

Daughters 0 Rel. 72%

Dairy Synthesis +51

MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas
+895	+43	+36	+0,22	+0,02	-0,2	-2	BB	A2A2



TREVILLERS

ISU 183



ISU 183

HEALTH

2,6

HOOF HEALTH SYNTHESIS	1,2	NON IMPROVER	1	2	2,5
UDDER HEALTH	1,1	NON IMPROVER	1	2	2,5
FERTILITY	0,7	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	1,6	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
110	137	95	95

easy calving

TYPE

119

BODY CAPACITY	117	POOR	1	2	2,5
STATURE	119	SHORT	1	2	2,5
FEET & LEGS	106	POOR	1	2	2,5
UDDER	113	POOR	1	2	2,5
TEATS	101	POOR	1	2	2,5
BEEF VALUE	105	POOR	1	2	2,5
BEEF ABILITIES	0	POOR	1	2	2,5

HEALTH

3,8

HOOF HEALTH SYNTHESIS	0,6	NON IMPROVER	1	2	2,5
UDDER HEALTH	1,7	NON IMPROVER	1	2	2,5
FERTILITY	2	NON IMPROVER	1	2	2,5
PRODUCTIVE LIFE	2,9	NON IMPROVER	1	2	2,5

FUNCTIONAL

MTF | MIF | MTRF

M Speed	TEM	Calv. Ease	Calv. Ease
116	117	95	95

easy calving

TYPE

124

BODY CAPACITY	115	POOR	1	2	2,5
STATURE	112	SHORT	1	2	2,5
FEET & LEGS	99	POOR	1	2	2,5
UDDER	127	POOR	1	2	2,5
TEATS	102	POOR	1	2	2,5
BEEF VALUE	113	POOR	1	2	2,5
BEEF ABILITIES	-0,3	POOR	1	2	2,5

HEALTH

2,6

HOOF HEALTH SYNTHESIS</th

TRICOLOR

PAVEL | NOELCERNEU | BRINK - FR 7302369730 - aAa 543612



ISU
173

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	Dairy Synthesis +69
+1056	+52	+69	+0,28	+0,40	+1,6	-0,2		AB	A1A2	
Daughters 0 Rel. 73%										

HEALTH

	HOOF HEALTH SYNTHESIS	0,6	-1	0	1	2	2,5
UDDER HEALTH	1,4	NON IMPROVER					IMPROVER
FERTILITY	-0,1	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	0,9	NON IMPROVER					IMPROVER

TYPE

	Daughters 0 Rel. 56 %			121		
BODY CAPACITY	103	POOR	100	112	124	130
CHEST WIDTH	114	NARROW			WIDE	
CHEST DEPTH	94	SHALLOW			DEEP	
THURL WIDTH	102	NARROW			WIDE	
RUMP LENGTH	97	SHORT			LONG	
RUMP ANGLE	96	SLOPED			FLAT	
STATURE	102	SHORT			TALL	
FEET & LEGS	118	POOR			EXCELLENT	
REAR LEG SET	88	STRAIGHT			SICKLE	
FOOT ANGLE	102	LOW			STEEP	
REAR LEGS REAR VIEW	109	HOCK-IN			PARALLEL	
UDDER	120	POOR			EXCELLENT	
FORE UDDER LENGTH	111	LOOSE			STRONG	
REAR UDDER HEIGHT	118	LOW			HIGH	
REAR UDDER WIDTH	134	NARROW			WIDE	
UDDER DEPTH	96	DEEP			SHALLOW	
UDDER BALANCE	131	MORE REAR			MORE FORE	
UDDER CLEFT	122	WEAK			STRONG	
FRONT TEAT PLACEMENT	91	WIDE			CLOSE	
TEATS	102	POOR			EXCELLENT	
TEAT LENGTH	96	LONG			SHORT	
BEEF VALUE	108	POOR			EXCELLENT	
BEEF ABILITIES	-0,6	POOR			EXCELLENT	
for fattening bulls	-1	0	1	2	2,5	

FUNCTIONAL

	MILKING SPEED	94	88	100	112	124	130
TEMPERAMENT	114	LIVELY			QUIET		
CALVING EASE			77	NORMAL	89	EASY CALVING	95
with conventional semen	95						
with sexed semen	95						



UKLIC P

PITTSBURGH | NECTAIRE | GAZEIL - FR 6951237837 - aAa



ISU
156

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	Dairy Synthesis +45
+949	+35	+49	+0,03	+0,17	+1	+0,2		BB	A2A2	
Daughters 0 Rel. 72%										

TYPE

	Daughters 0 Rel. 62 %			113		
BODY CAPACITY	93	POOR	100	112	124	130
CHEST WIDTH	88	NARROW			WIDE	
CHEST DEPTH	104	SHALLOW			DEEP	
THURL WIDTH	87	NARROW			WIDE	
RUMP LENGTH	97	SHORT			LONG	
RUMP ANGLE	96	SLOPED			FLAT	
STATURE	102	SHORT			TALL	
FEET & LEGS	116	POOR			EXCELLENT	
REAR LEG SET	87	STRAIGHT			SICKLE	
FOOT ANGLE	106	LOW			STEEP	
REAR LEGS REAR VIEW	111	HOCK-IN			PARALLEL	
UDDER	116	POOR			EXCELLENT	
FORE UDDER LENGTH	118	LOOSE			STRONG	
REAR UDDER HEIGHT	96	LOW			HIGH	
REAR UDDER WIDTH	100	NARROW			WIDE	
UDDER DEPTH	108	DEEP			SHALLOW	
UDDER BALANCE	116	MORE REAR			MORE FORE	
UDDER CLEFT	120	WEAK			STRONG	
FRONT TEAT PLACEMENT	123	WIDE			CLOSE	
TEATS	101	POOR			EXCELLENT	
TEAT LENGTH	110	LONG			SHORT	
BEEF VALUE	107	POOR			EXCELLENT	
BEEF ABILITIES	0,5	POOR			EXCELLENT	
for fattening bulls	-1	0	1	2	2,5	

FUNCTIONAL

	MILKING SPEED	110	88	100	112	124	130
TEMPERAMENT	102	LIVELY			QUIET		
CALVING EASE			77	NORMAL	89	EASY CALVING	95
with conventional semen	95						
with sexed semen	95						



UCRONIC

ROTTERDAM | OCLIPSE | MINNESOTA - FR 2530832343 - aAa



ISU
186

PRODUCTION

	MILK	P kg	F kg	P%	F%	From'MIR	digeR	K-Cas	B-Cas	Dairy Synthesis +79
+1567	+64	+70	+0,22	+0,14	+0,5	-0,7		AB	A1A2	
Daughters 0 Rel. 71%										

HEALTH

	HOOF HEALTH SYNTHESIS	0,9	-1	0	1	2	2,5
UDDER HEALTH	1,7	NON IMPROVER					IMPROVER
FERTILITY	-0,1	NON IMPROVER					IMPROVER
PRODUCTIVE LIFE	1,3	NON IMPROVER					IMPROVER

TYPE

| | Daughters 0 | Rel. 60 % | | | 134 |
| --- | --- | --- | --- | --- |

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