### The EVOLUTION International Normande:

the dairy cow that provides farmers with the highest added value of milk and meat, autonomy and a guaranteed income.



**GAMEOVER** 

# Composition of ISU 2018 Longévité 6% 4,75% Production 26% Reproduction 13,5% Production 26% OverAll beef abilities

## NORMANDE NEW SELECTION GOALS: MORE ADDED VALUES FOR MORE GLOBAL ECONOMICAL EFFICIENCY

1980

1990

2000

2018

**INEL** 

TYPE

HEALTH

**PROFITABILITY** 

**GLOBAL SYSTEM** 

The 2018 new orientation pushes Normande as a leader in selection for global herd efficiency

- Strengthen the global efficiency of farm business
- Integrate new beef added value for males and females
- Increase dairy and growth precocity
- Elevate fat added-value advantage to the same high protein level

Global Economical efficiency: the significant weigth of beef added value additionnaly to Normande milk richness

Latest economic studies show that Normande herds are the highest performers for giving high advantage in both milk and beef value and to bring more income to farmers through prices.

	Milk Turn Over /1000 l	Meat Turn Over /1000 l	% Meat/Total Turn Over
FARMS IN NORMAND BREED	328 to 330 € / 1000 l	75 to 110 € /1000 l	19 to 25 %
DIFERENCE COMPARED TO HOLSTEIN BREED	+18 to 32 € / 1000 l	+ 31 to 49 €/ 1000 l	12 to 17 %
DIFERENCE COMPARED TO MONTBELIARDE BREED	+ 9 to 20 €/ 1000 l	+10 to 43 €/ 1000 l	17 to 18 %

The new ISU 2018 integrates the best global farm efficiency through new balance between traits: milk, protein, fat, beef, health and functional type.

TRAITS	SELECTION BASED ONLY ON MILK	SELECTION BASED ONLY ON BEEF ABILITIES	SELECTION BASED ON MILK + BEEF ABILITIES
MILK	+++	=	++
STATURE	+++	+	++
WIDTH CONFORMATION		+++	++
PRECOCITY / GROWTH	++	++	+++
ECONOMIC PERFORMANCE	+++	++	++++

In-farm projected impacts shows that this new optimal genetic breed orientation will:

- Maintain a **high production** improvement with perfect balance between milk (+60kg/ year), protein and fat (+0.1% protein/10 years for both)
- Increase **animal precocity** for both dairy production and beef abilities (+3 months/10 years)
- Increase width of animals more than height
- Increase conformation of males and cull cows in fattening management
- Maintain the high genetic progress on udders and feet and legs
- Keep high genetic progress and abilities on all health traits.

"The optimum combined selection on both milk and beef abilities optimize in-farm income thanks to a higher milk production per day of life, added to the benefits of better conformation on both females and males"



#### New indexes for the highest precision

New indexes are newly calculated to increase the excellency of Normande selection

- SYBO : Overall Beef Abilities combining Steers, Veal performance to Frame and Muscularity of cows
- FEET AND LEGS

Quality of joints, Foot Angle, Rear Legs rear View, Locomotion integrate the F&L global index

- TEMPERAMENT
- BODY

Back straightness and Body Condition

#### **NEW PROOFS:**

#### NORMANDE, N°1 FOR GENETICS PROGESS IN PRODUCTION FROM ALL BREEDS

This april 2018 indexation shows that the Normande population makes the highest genetic progress in production from all breeds indexed in France: +60 kg for milk, +0.07% for both Protein and Fat %.

#### **EVOLUTION, 80% of Top Normande bulls**

EVOLUTION is absolutely involved in this impressive genetic progress, participating for 80% of leading bulls on the breed ranking: 20 of the top 25 ISU; 70 of the TOP 100

#### **EVOLUTION INTERNATIONAL NEW LEADERS**

#### **TOP ISU: MONFORT and GAME OVER strong leaders**

**MONFORT** (BB, A2A2) is the new N°1 Normande bull (ISU 168) and already available. He fits perfectly a modern kind of efficient cows, combining high milk production (+962 kg milk) with optimum type (+1.6) assuming perfection on F&L and UDDERS, well balanced body with good beef abilities on fattening condition (+1.1). Health is just really nice for both Udder Health and Ketosis.

**GAMEOVER** (AB, A2A2) assumes its outstanding 2000 daughters, with exceptional Protein and Milk Production with totally nice and sound cows either for F&L (+2.0) than Ketosis (+2.0), Reproduction (+0.8), CE (91). Perfect Overall beef abilities (+1.5) as well for Veal (+2.2) than steers (+1.4)

With High Ferti+ conventional and Ferti S+ sexed semen, he is THE bull to use with no limitation.

#### **SEXED SEMEN: NEYMAR, NEW PHENOMENOM**

**NEYMAR** (AB, A2A2) represents perfectly the high precocity as the newest bull with less than 14 months old, already producing its 1st sexed semen straws. Of course, NEYMAR is impressive for locomotion (+1.7) and feet abilities (+0.9). Aditionnally he shows an efficient production (+701 kg) and richness (P +1.8). Its type is perfect to adapt on all fields with its optimum frame, width chest, and strong back (+0.9). NEYMAR brings also high ketosis resistancy (+0.9) and high attractivity for reproduction for lots of females (+1.3) with its top calving ease (91) and vigourous progeny (94)...

#### TOP QUALILIB: "Concentrates all Normande added-values"

#### THE BEST COMES FROM MEDELLIN

**MEDELLIN** (BB, A1A2) is newly available also as sexed semen. He breakes away thanks to his milk richness: Fat +2.9 and Protein +0.8. Associated to a good milk yield (+694 kg) and an excellent health (+0.7). Very unique dam's bloodline (Geyser Isy x Upanishad).

Discover other Quali bulls: JIPIDJI, MANGO, JIVAROS F+, LOCO SSF, LUTECE SSF...



INDORRANE, dam of MONTFORT and MELOMANE



HATZGERALD daughter of FALBERT, grand dam of NEYMAR



**MEDELLIN** 





**MONTBLANC** 

#### **TOP OPTILIB: "High Normande milk production"**

#### REACH THE TOP WITH MONTBLANC

**MONTBLANC** (BB, A2A2) join the TOP to achieve high milk production with all Normande qualities. His full « OPTI » profile brings high milk (+850), perfect udders' quality (+1.2), robust feet and legs (+0.8) with extremely sound joints (+0.8). MONTBLANC is also remarkable for his high contents (P +1.2 and F +0.6), and also beef abilities either on Veal calves (+0.5) than on bullocks or steers (+0.5). Good semen producer, MONTBLANC is internationally available for both sexed and conventional semen.

Access to more Opti bulls: LIMA SSF, MANIZEL, LACANAU, MYKONOS, LUPUS...

#### **TOP CONFORT**<sup>LIB</sup> "Absolutely healthy"

#### MISSILE, THE ULTIMATE SOLUTION

**MISSILE** (AB, A2A3) offers an impressive profile to highly improve all health traits: Cells Score (+1.8), Reproduction (+0.9) Calving Ease, Feet (+0.7). His complete production abilities and perfect functional type open to him green access to easy breeding use in many systems. Bonus: his open pedigree for easy mating!

More Confort bulls : MYSTERE, LOSANGELES SSF, MEXICO, MENDEL, MATISSE, MARADONA,

#### **DISCOVER ALL EVOLUTION NORMANDE BULLS ON OUR NEW WEBSITE:**



