

# QUICK ANALYSIS

## APRIL 2017 PROOFS

### - General analysis:

#### A common evaluation for better reliability:

As from April 2017, in the context of French and International genomic and proven evaluations, the performances of Red & White animals are valued together with the Holstein ones. From now, the new CD index are much higher, passing from 0.57 to 0.75 on average for the all Red & White young bulls.

#### - A particular basis to remain with the qualities of Red & White

Effectively, the Red & White breed remains on a proper index basis in order to keep its specificities. So the ISU index does not change but there are some new specific conformation index: MO, MA, CC and ME. And these new index are published on the 0 basis instead of the 100 one.

	Total Type Index
Udder index	1.7793 * (0.25 udder depth + 0.175 rear udder attachment + 0.175 fore udder attachment + 0.10 udder cleft + 0.10 Front teat placement – 0.10 Rear teat placement + 0.10 teat length)
Body capacity index	1.5839 * (0.25 body depth + 0.30 chest width + 0.30 thurl width + 0.05 rump angle – 0.05 stature – 0.05 dairy form)
Feet and Legs index	1.1567 * (0.50 locomotion + 0.25 rear legs side view + 0.25 foot angle)
Total Type index	1.6213 * (0.40 Udder + 0.20 Body capacity + 0.40 Feet and legs)

### - Expression of the index

The gain of reliability means a better precision of index and this causes an expression of ISU that can go from 150 to 202 points today.

*LAIUS RED<sup>R2A</sup> is a good example as its ISU changes from 174 to 202 points ISU for this 2017/1 edition.*

Other examples for Production index.

• Good illustration of	LAMPENA	+1.3 / +4.6	(+0.8/+2.4)
	JINDER	+1.6 / +2.7	(+1/+1.1)
	JAX PP	+3.0 / -0.6	(+1.1/-1.9)
	JASAK P	+2.6 / +1.0	(+0.5/-1.6)

**- Rolling basis Red & White 2017:** the breed progresses a lot every year and the evolution of the rolling basis 2017 proves it.

ISU	TP	TB	LAIT	MO	MA	CC	ME	REPRO	STMA	TRAITE	IB
-4.5	-0.07	0.05	-66	-0.12	-0.10	-0.08	-0.04	-0.02	-0.08	-0.02	-0.04

### - The new bulls of this index edition

Nom	ISU	TP	Lait	MO	REPRO	Latest date for marketing
LAMARIO P	189	1.9	403	2.5	0.8	July 2017
LULTRA	185	3.3	129	1.9	1.5	July 2017
LAFUMA	183	1.6	619	2.1	1.0	July 2017
LIBERAL P	181	0.8	609	2.5	1.6	July 2017
LAURIER	176	2.4	639	1.9	1.3	July 2017
MONZANA	170	2.4	205	2	1	July 2017



LULTRA<sup>R2A</sup>



LAURIER<sup>R2A</sup>



LIBERAL P<sup>R2A</sup>



LAMARIO P<sup>R2A</sup>



LAFUMA<sup>R2A</sup>