

#2 GESTATION LENGTH (GL)



HERDS
CONTEXT

A TOOL TO IMPROVE YOUR CALVING - CALVING INTERVAL

Calving-calving Interval, calving comfort, - unproductive days...

Ideal for grouped calving



PRINCIPLE OF
INNOVATION

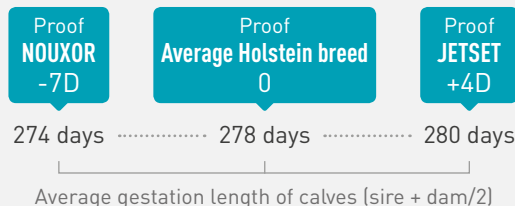
EVOLUTION now indexes its bulls and its genotyped females on their gestation length value. This proof is calculated within the EVOLUTION's Research & Development team, following the G-BLUP international indexing methodology, from 476 369 genotyped individuals of which 347 091 with direct performances.

Genetics can explain differences ranging from +10 days to -10 days around the breed average with a standard deviation of +/- 2.5 days.

The GL EVOLUTION proof is expressed as a deviation from the breed average:

- > A bull with a GL proof at -8 days will see his calves born on average 4 days earlier.
- > A female with a GL proof at + 6 days will see her calves born 3 days later.
- > A calf born from a dam at -8 and a sire at -6 will be born 7 days earlier.

Example of two bulls in Holstein breed:



BENEFITS FOR
BREEDERS

WHICH BENEFITS FOR BREEDERS? 1ST GENERATION: GAIN FROM 800 TO 1400€ / 100 COWS / YEAR

By using bulls with a short gestation length proof, on average at -4 days, a herd of 100 cows can improve its gestation length by 2 days for 4 benefits:

- > Economical breeding of dry cows, reduction of the average calving interval of his herd by 2 days and more working comfort during calving. Issue: 800€ /100 cow / year.
- > 1 additional benefit in strict seasonal system: extension of the AI period thanks to the GL proof. Up to 2 less cows are culled due to breeding. Issue: 600€ less replacement cost.



NIKLY 
HARMONY x LTM PONDER x FRANZ

GESTATION
LENGTH
-6D

« FOR A SHORT GESTATION PERIOD »

NIKLY is the outstanding bull to reduce gestation time (-6D). His calves will be born on average 3 days earlier than average and even more if the maternal effect is also favourable!

◀ Great-grand-dam of NIKLY : 108 (NIAGRA)