



#4 FEED EFFICIENCY (FE)

HERDS
CONTEXT

MANAGE THE 1ST OPERATIONAL COST OF YOUR HERD

Whatever your breeding system, rely on a herd which maximizes the most the feed.

PRINCIPLE OF
INNOVATION

EVOLUTION provides you with a first selection synthesis based on the first results of elementary scientific research.

EVOLUTION's ambition is to help you select animals which best value the ration over their entire dairy career:

1. Produce more from my available feeding
2. Eat less feed
3. Being healthy

This synthesis is available for EVOLUTION bulls and for all females genotyped with EVOLUTION. It focuses on 0 with a standard deviation of +/-1 and is read like the functional and morphological proofs. It is based on elementary proofs with reliabilities (%) ranging from 0.5 to 0.95.

Feed efficiency formula:

$$FE = \frac{\text{Production}}{\text{maintenance needs}} + \text{Health}$$



En Holstein

(Milk+PROT+FAT)-BDC+Health

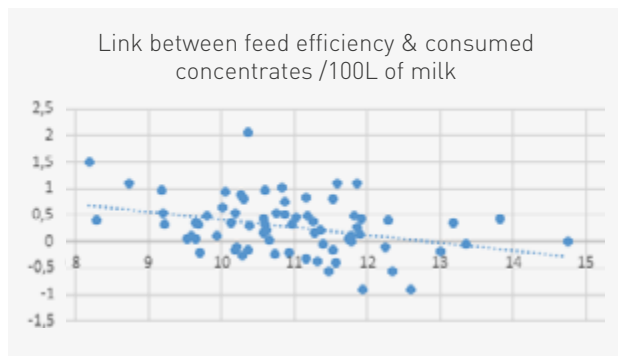
BENEFITS FOR
BREEDERS

10% PERFORMANCE GAP BETWEEN THE BEST AND THE WORST COWS

EVOLUTION field measurements are based on a sample of 71 Holstein cows with at least 3 lactations performed:

- > The top 1/3 in FE proof : 10.4kg of concentrates eaten / 100L of milk produced.
- > The lower 1/3 in FE proof : 11.5kg of concentrates eaten / 100L of milk produced.

For these herds, it represents a difference of 120kg of concentrates per cow and per lactation, so 5000€ of stake for 100 cows or 50€ / cow



OSLO RF



SALVATOR RC x RUBICON x CASHCOIN

FE
+2,9

« EXCELLENT FEED EFFICIENCY »

A superb production combined with a good longevity and a controlled body development! This makes OSLO RF one of our best bulls in the new Feed Efficiency proof (FE).

◀ Aunt of OSLO RF : 1614 (RUBICON)