



# 2 days/plot to better use grass



## EARL MESLIN

### 1 Description of the innovation



Quick rotational grazing with 2 days/plot, on average.

Going from a 5 days/plot rotational grazing to a 2 days/plot to better use grass and increase grasslands valorization.

The plots are 1 ha large on average with 4 moves of 45 dairy cows in 2 days. Fencing with movable wires and setting of complementary water troughs.

The decision to use rotational grazing was taken with Bongrain with regard to the « Carbon footprint » : pilot farm where one thinks about the heifers' rearing length (age at first calving), the concentrates consumption, the valorization of grass...



**Economic results**  
Grasslands yield

### FARMER'S STRATEGY

The farmer's strategy is set up regarding a cost reduction



Le soutien de cette innovation est financé par le programme national de recherche et d'innovation en agriculture durable (PNIRIA) financé par le ministère de l'Agriculture, de la Pêche et de l'Alimentation (MAPA) et le ministère de l'Environnement, du Climat et de la Transition Écologique (MECTE).



## 2 Farm description

### ENVIRONMENT

Soil types:

- Clay
- Limestone
- Loam

Climate: temperate oceanic

### GRASSLAND MANAGEMENT

Grazing management type: continuous grazing

Length: 6 months/year

60% of the grasslands exclusively mowed

Fertilization: 120  $\mu$ N

Dominant grass and legume species in grasslands: Perennial rye-grass, Cocksfoot, Fescue and White Clover

Forage conservation type :

- Silage
- Hay

### STRUTURE

#### 2.3 Annual Work Unit

**Agricultural Area:** 110 ha UAA

**66 ha of main forage area** including:

- 35 ha of temporary grasslands
- 17 ha of permanent grasslands
- 14 ha of corn silage

**Farm type:** Specialist milk production

**Breed:** Pie Rouge

**Livestock Unit:** 137

**Stoking rate:** 2.1 LU/ha main forage area

### ANIMAL PERFORMANCE

**Milk production per head:** 10 600L

### WHY IT IS WORKING

The will of the breeders in the implementation of this innovation is the first factor of success. They wish to do reasonable things with a good distribution of workload and autonomy of the current system.