



# New species for temporary grassland



## Lycée de Pixérécourt



### 1 Description of the innovation

Until last year, temporary grassland of the farm of Pixérécourt were based on classical species : perenial ryegrass, dactyl, white and red clover ...

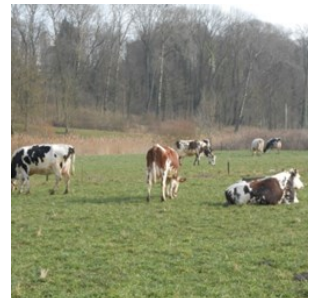
But the last years have shown limits of these species, specially with summers more and more warm and dry.

Two new species are testing :

- The chicory
- The ribwort plantain

These two species have taproots, so they should have a better tolerance to drought and a better summer growth.

Seeding in 2016 for the first time, results are positive for the moment, with a good growth and good health effects (specially for winter grazing of ewe). The grazing management is more complicated because the chicory lose quickly his attractivity for the cows. Results to be confirmed in the coming years.



Summer growth  
Health effects  
Lactogene plants

### FARMER'S STRATEGY

- Grazing during summer without penalty for the regrowth
- Using species more tolerant to drought



INNOVATION PARTNERSHIP  
AN EU-LED PARTNERSHIP TO SUPPORT  
INNOVATION AND GROWTH ACROSS THE EU

## 2 Farm description

### ENVIRONMENT

Types of soil : superficial clay and limestone and sandy-loam

Climate : océanic to continental trend

Altitude : 220m

### GRASSLAND MANAGEMENT

**Grazing** : Yes, cellular grazing

Grazing 6 month a year

### STRUCTURE

**Annual work units** : 2.5

**Agricultural area** : 280 ha UAA

Rangeland area : 140 ha

Temporary grassland : 110 ha

Permanent grassland : 20 ha

No corn silage

**Breeds** : 5 breeds crossing

**Stocking rate** : 1,17 LU / ha of grassland

### ANIMAL PERFORMANCES

**Milk production** : 5300 L / year / cow

### WHY IT IS WORKING

Species chosen especially for their tolerance to drought and their adaptation to the soil and climate context of the farm.