



Double the 1st cut of luzerne thanks to overseeding



GAEC de la Grande Saule

1 Description of the innovation

The GAEC de la Grande Saule has firstly tried the overseeding on permanent grassland. However, the too much competition of this grassland cause generally the failure of that technic.

It is on luzerne that the overseeding shows good results : it allows to double the 1st cut production. Since 3 years, the GAEC de la Grande saule overseeds a mix of wheat, pea and vetch in the luzerne during autumn. During the silage, june, the mix allows to increase the productivity, then the luzerne stay productive for the 2nd and 3rd cuts.

Now, the GAEC test more : in the end of life of the luzerne, wheat is seeding in directly (without destruction). The wheat weeding is light on dicotyledones and hard on grasses. It allows to harvest wheat and in september, to cut the rest of luzerne, before seeding a mix crop-pea-vetch . This mix is cut in june, then there is a mix clover and moha , and finally a corn for silage.



Forage autonomy

Better productivity of alfalfa

FARMER'S STRATEGY

- Forage autonomy
- Grassland productivity
- Limit tillage

2 Farm description

ENVIRONMENT

Main soil type : clay ; clay and limestone

Climate : semi continental

Altitude : 300 m

GRASSLAND MANAGEMENT

Grazing : Yes, only for beef cattle

Grazing 7 months a year

STRUCTURE

Annual Work Unit : 5

Agricultural area : 480 ha UAA

Temporay grassland : 16 ha

Permanent grassland : 270 ha

Corn silage : 60 ha

Breeds : Prim'holstein and Charolaise

Stocking rate : 1,53 UGB / ha of forage area

ANIMAL PERFORMANCES

Milk production by head : 9 000 L /year

WHY IT IS WORKING

Intensification of grasslands in globality : more fertilisation and use of digestate of methanation

Possibility to have farm's seeds to limit the cost.

DOUBLE THE 1ST CUT OF LUZERNE THANKS TO OVERSEEDING