

Cereal-proteinaceous silage mix substitute corn silage





GAEC de la Route Verte

1 Description of the innovation



The GAEC de la Route Verte wished to stop corn silage: to much treatment, a productivity not aways satisfactory and a food protein complementation more and more expansive. Several ways are tested to allow more animals in the herd and to maintain forrage auonomy without corn.

The overseeding on permanent grassland to have a better flora doesn't work: too much competition of the grassland and the seed cost is very expansive, report to the low chances of success.

To subsitute corn silage, breeders have tested the cereal proteinaceous silage mix (CPSM): wheat, pea, vetch, wildflower. With very goods results for the moment. La food value of CPSM is high in protein. Since 2017, there is cellular grazing too. Finaly, foo complementation for cows is now based on energy, not protein: that is cheaper.



FARMER'S STRATEGY

- Stopping corn silage
- Forage autonomy
- Development of a nursing and fattening herd



2 Farm description

ENVIRONMENT

Main soil type: sandy loam

Climate: semi continental—mountain

Altitude: 400 m

GRASSLAND MANAGEMENT

Grazing: Yes, cellular grazing since 2017

Grazing 7 months a year

STRUCTURE

Annual Work Unit: 3

Agricultural area: 150 ha UAA

Temporay grassland: 66 ha

Permanent grassland: 60 ha

CPSM: 20 ha; 10 tDM/ha

Breeds: Prim'holstein and Blonde d'Aq-

uitaine

Stocking rate: 1,31 UGB / ha of forage

area

ANIMAL PERFORMANCES

Milk production by head: 7 500 L/year

WHY IT IS WORKING

Will to stop corn silage and to have more animals on the farm ant to stay autonomous in forrage

A lot of information take on the web.