

Reseeding with a sowing machine



Alter und Partner Gbr

1 Description of the innovation



Instead of plowing grassland for a renovation, the grass seeds are sown directly into the old sward.



On peat soil it is very difficult to keep grasses with high quality and grassland on peat needs frequent renovation. Renovation with plowing releases carbon dioxide, especially for these soils. This farmer reduces the output of carbon dioxide and avoids the loss of soil and does not have to deal with the risk of a complete renovation. The sward has a continuously high yield with a good quality and his technique saves money and time.



Grassland quality

Low seed costs

Climate protection



2 Farm description

ENVIRONMENT

Soil type : Peat

Climate: Temperate oceanic climate

Average altitude: -1

GRASSLAND MANAGEMENT

Grazing : Yes

Grazing management type—rotational grazing

STRUTURE

Agricultural Area : 117 ha

Permanent Grassland : 117 ha

Number of animals: 160 milking cows

Average stocking rates:

- Agricultural area 2.13 LU/ha
- Grassland area 2.13 LU/ha

Animal Performance

Breed type : HF

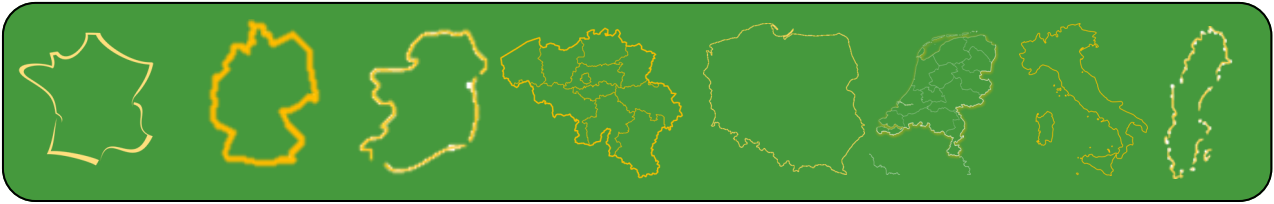
Other features:

- HF breeding farm

WHY IT IS WORKING

The farmer uses an old, simple and robust sowing machine and can sow directly into the unprepared sward. The sowing machine makes little cuts in the sward in which the seed is placed. So the grass seed is spread evenly into the exiting turf and germinates in the moist soil.

Country shapes



Domains of innovation



Machinery, tools



Forage mixture



Forage conservation technique



Grazing management system



Legume management



Animal feeding management



Animal type (breed)



Product processing



Marketing



Farm system



Landscape

Main types of animal

