



Optimize the utilization



Koopmans

1 Description of the innovation

The farm from the family Koopmans is located in the northern part of the Netherlands, the province Friesland. The farm is a participant in the project 'cows and opportunities' ('Koeien&Kansen').

The (16) farmers in the project 'cows and opportunities' implement, test and improve the (possible) future measures for the environmental legislation for the Dutch dairy sector. The future environmental legislation is based on circular farm management. A special tool ('Kringloopwijzer') is developed to collect the data and optimize the utilization and the losses in the mineral flows on the farm and reduce greenhouse gases.



Economic result

Environmental

Strategy implementation

Participant in the project 'cows and opportunities'.

Achievements: implement, test and improve a special tool for environmental legislation based on circular farm management

Results: optimization of the utilization and losses in the mineral flows on the farm and a reduce of greenhouse gases through a more efficient feed ration and grassland management



2 Farm description

ENVIRONMENT

Soil: Clay, sandy

Climate: Temperate oceanic

Altitude: ±sea level

Slope: flat

GRASSLAND MANAGEMENT

Grazing: Yes

Grazing management: Rotational

Length of grazing period: 7 months/year

Main composition grassland: Perennial ryegrass

STRUCTURE

Agricultural Area 117 ha UAA

Permanent grassland 60 ha

Temporary grassland 25 ha

Other forage 32 ha

Production method Conventional

Stock 190 dairy cows

100 young stock

Breed Holstein-Friesian

Milk production 9000 kg/year

Annual Work Unit 2

WHY IT IS WORKING

The innovation is successful on this farm because:

- the farmers motivation to improve and optimize the utilization of the feed (ration) and the manure (grassland management).
- the opportunity to respond on future legislation.