

Tall fescue on moor-sites





1 Description of the innovation



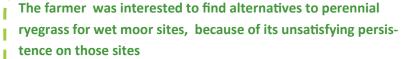
Demonstration plot to compare: Tall fescue vs. perennial ryegrass (cultivars for moor-soils); and especially structured grassland mixtures; test of performance on a moor-site where perennial ryegrass is difficult to establish permanently. Comparison of yield, fodder quality, suitability for biogas plants, silage, persistence





Grassland production and yield

Grassland Quality



It was a challenge to establish the new grasses on the wet moorsite; persistence remains to be seen.



Farm description

ENVIRONMENT

Soil types: Sandy soils and moor

Temperate oceanic climate

Average Altitude: 2 m a.s.l.; no slope

GRASSLAND MANAGEMENT

No Grazing

five cuts per year

STRUCTURE

Annual work units: 1.5

Agricultural Area: 185 ha

113 ha permanent grassland, 50 ha silage

maize and 20 ha arable land

ANIMAL PERFORMANCE

143 Dairy cows and 161 heifers;

8600 I /year/dairy animal

Bull fattening:

400 kg carcass weight (20 months)

Heifer fattening:

380 kg carcass weight (24 months)

WHY IT IS WORKING

Good weather conditions and know how of the farmer were essential to establish Festuca arundinacea successfully.