



Grazing with monocultures and mixtures



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1 Description of the innovation



- Grazing monoculture swards
- Reseed and graze monoculture swards to identify which varieties work best on the farm and to see the value of monocultures
- Growing more grass: some varieties good quality and palatable
- Identification of top performing varieties
- Identification and assessment of different grass varieties
- Economic results
- Discussion groups
- Produce more milk from grass by using top varieties of grass



Identification of top performing varieties of grass

Produce more milk from grazed grass

- Measuring grass on Pasturebase Ireland
- Reseed and graze monoculture swards to identify which varieties work best on the farm and to see the value of monocultures



2 Farm description

ENVIRONMENT

Soil type: Sandy-loam

Climate type: Temperate Oceanic

Altitude: Variation across the farm

Slope: Variation across different paddocks

Agricultural area (ha UAA): 190

Average stocking rate (agriculture area)
(LU/ha UAA): 2.8

GRASSLAND MANAGEMENT

Grazing: Yes

Grazing management type:

Rotational Grazing

STRUCTURE

Annual work units (AWU): 3

Number of cows (heads): 380

Breed type 1: Fr

Permanent grassland area (ha): 190

Average stocking rate (agriculture area)
(LU/ha UAA): 2.8

ANIMAL PERFORMANCE

Milk production per head (l/year/dairy
animal): 5800l

Grassland management type: Rotational

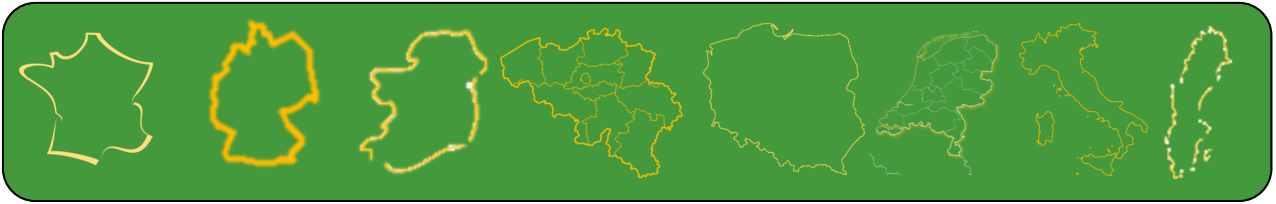
Length of grazing period (month/year): 295

Fertilization rate (kg N/ha): 235

WHY IT IS WORKING

- Growing more grass, some varieties are good quality and palatable
- Identification of top performing varieties
- Identification and assessment of different grass varieties
- Economic results
- Discussion groups
- Produce more milk off grass by using top varieties of grass
- Pasturebase Ireland

Ireland



Domains of innovation



Pasturebase, Contractor



Different grass varieties



Silage pit



Rotational grazing



n/a



Paddocks, feed barrier



Fr



Milk



Quality grass based



Low cost grass based milk



Sandy-loam soil

Dairy Cow



MILK