



Setting up new grassland dairy farms from long term tillage



Greenfield Farm Kilkenny

1 Description of the innovation



- Setting up a new grassland dairy farm from long term tillage
- Legume management
- Increasing grass production on new grassland farm with low organic matter
- Higher and more stable grass DM production, good clover establishment across the farm
- Some paddocks still perform poorly
- Excellent grass output
- Require measurement and routine farm walks to establish that the innovation is working
- Spring rotation planner/ Pasturebase Ireland



Economic results

Maximise output per hectare while minimising costs through maximising grass growing and utilisation per hectare

- Require measurement and routine farm walks to establish that the innovation is working



2 Farm description

ENVIRONMENT

Agricultural area (ha UAA): 120

Permanent grassland area (ha): 120

Average stocking rate (agriculture area)
(LU/ha UAA): 2.82

Climate: temperate oceanic climate

Altitude: Variation across the farm (80m
above sea level)

Slope: Variation across farm (0-10%)

Grassland management type: Rotational
grazing

STRUCTURE

Setting up new grassland dairy farms form
long term tillage (long term lease)

Annual Work Unit: 2.25

Agricultural Area : 230ha

Milk production per head (l/year/dairy
animal): 4800

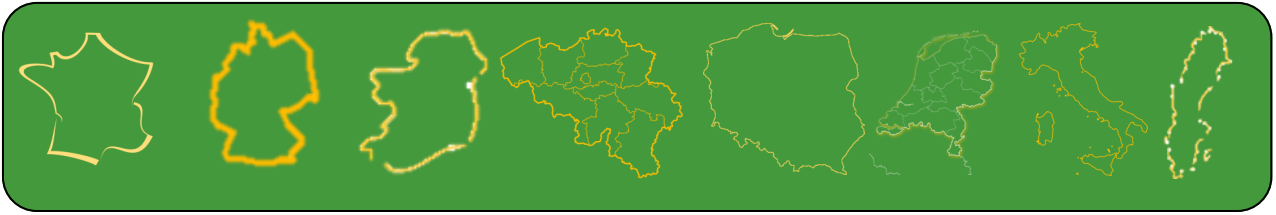
Breeds: Fr*Je

- The demonstration of best practice in conversion of a greenfield site into a fully functional dairy farm
- To establish commercially focused expanding family farms to demonstrate how to be financially rewarding.

WHY IT IS WORKING

- Increasing grass production of on new grassland farm with low organic matter
- Higher and more stable grass DM production, good clover establishment across the farm
- Identify paddocks performing poorly and come up with solutions
- Excellent grass output with high animal performance from low inputs
- Require measurement and routine farm walks to establish that the innovation is working
- Spring rotation planner/ Pasturebase Ireland

Ireland



Domains of innovation



Milking Parlour, Contractor



Grass Varieties, Clover



Soil fertility, grazing Infrastructure,
Management



Rotational System



grassland measurement pasturebase



Grass and additional concentrates



Fr*Je



Glanbia



Grass based system (quality)



Dairy low-cost grass based



Dry sandy soil, flat land

Main types of animal:



MILK