



# Oversowing clover into existing pastures



## William Morris

### 1 Description of the innovation



- Increasing legume content of swards
- Excellent grass output
- Higher legume content on the farm
- Requires measurement and routine farm walks to establish that the innovation is working
- Research topic
- More seasonal growth across the farm
- Spring rotation planner/ Pasturebase Ireland



Increasing the legume content on the farm

#### Produce more milk from grass:

- Increasing legume content of swards
- Excellent grass output
- Higher legume content on the farm



## 2 Farm description

### ENVIRONMENT

Soil type: Heavy-Peat (mixture)

Climate type: Maritim climate

Agricultural area (ha UAA): 39.7

Average stocking rate (agriculture area)  
(LU/ha UAA): 2.5

Altitude: Variation across the farm (600m)

Slope: Variation across farm (50%)

### GRASSLAND MANAGEMENT

**Grazing** : Yes

Grazing management type:

Rotational Grazing

### STRUCTURE

Annual work units (AWU): 2.25

Total Livestock unit (LU): 100

Breed type 1: Fr\*Je

### ANIMAL PERFORMANCE

Milk production per head (l/year/dairy  
animal): 4000

Grassland management type: Rotational

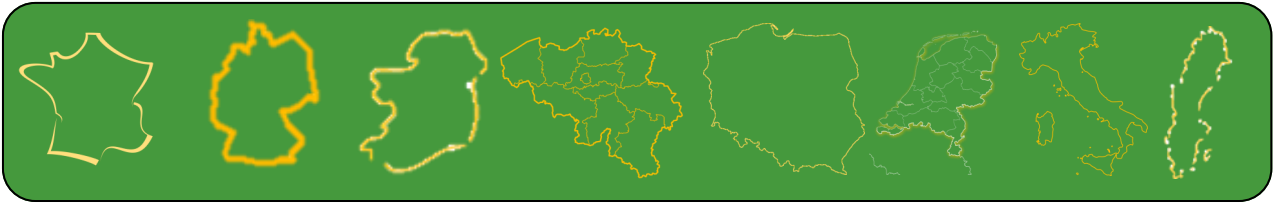
Length of grazing period (month/year):  
10.5 months

Fertilization rate (kg N/ha): 200

### WHY IT IS WORKING

- Oversowing clover into existing pastures
- Increasing legume content of swards and moving to once a day milking
- Reasonable clover establishment across the farm
- Excellent grass output
- Higher legume content on the farm
- Requires measurement and routine farm walks to establish that the innovation is working
- Spring rotation planner/ Pasturebase Ireland
- Low production costs

# Ireland



## Domains of innovation



Pasturebase



grass varieties and clover



Silage pit for winter dry cows



Rotational grazing



Oversowing clover into the sward



Milking parlour, feed barrier



Fr



Milk



Quality milk from grass



Low cost grass based milk production



Peat

## Dairy Cow



MILK