









**Address:** SRUC Crichton Royal Farm, Glencaple Road, Dumfries DG1 4AS, Scotland.

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**Website:** [https://www.sruc.ac.uk/info/120195/dairy\\_research\\_centre](https://www.sruc.ac.uk/info/120195/dairy_research_centre)

## LINK WITH ED MAIN TOPICS

- [https://www.sruc.ac.uk/homepage/1066/dairy\\_research\\_centre\\_projects](https://www.sruc.ac.uk/homepage/1066/dairy_research_centre_projects)
-  Dairy cow and young-stock nutrition
-  Energy use and greenhouse gas emissions
-  Examination of soil compaction
-  Nutrient profile
-  Precision farming
-  Controlled traffic



## SITE CHARACTERISTICS

Soil: Mainly a sandy loam but with some silty clay loam and alluvial soils (all soils Gleyic Cambisols)  
Precipitations: 1,200 mm per yr  
Climate: Oceanic/Temperate  
Altitude: 0-40m asl

## FARM CHARACTERISTICS

Total area (ha): 300  
Crop rotation: Grass for grazing and conservation, winter wheat, forage maize, winter barley.  
Milking cows: 430 (Holstein Friesian)  
Young stock: 125 Heifers 165 Calves  
Bulls: 55 (<100 days)  
Production intensity: 9,500 kg milk per cow per yr  
Grassland area: 180 ha  
Grazing period: Few cows grazing currently, due research demand  
Grazing hours per day: Normally up to 16 hours (2x8hr windows) and housed at night  
Workers: 3 Full Time and 7 part time (night milkers)

## SPECIAL EQUIPMENT

- Robotic milking systems

## FACILITIES

- All milking cows cubicle housed
- Far off dry cows cubicle housed and calving cows on straw.
- 1 x 28 x28 herringbone milking parlour and 1 x 24 x 24 herringbone milking parlour.
- Small herd of robotically milked cows.

## EDUCATION CAPABILITIES

- Planned subject days with trade involvement
- Farmers visits, consultants and farmers groups.
- Undergraduate and post graduate student visits and projects.
- Research facility for undergraduate and post graduate students, with teaching in a higher education campus within 10 miles.
- Regular visits from local school children with a purposely altered room for education visits.

More details on: [www.eurodairy.eu](http://www.eurodairy.eu)  
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