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LINK WITH ED'S MAIN TOPICS

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 Dairy diets and milk quality: improvement of the fatty acids' and protein rates in the milk with the inclusion of vegetables in the cow feeding.
- 
 Manure management in milk cow production systems of the Cantabrian Cornice. Slurry injection techniques, nitrification inhibitors.
- 
 From the farm to the territory: efficiency of the use of nutrients, mitigation of greenhouse gases and reduction of the carbon footprint.
- 
 Digestibility and GHGs emissions with feeding boxes (for cow) and metabolism boxes (for sheep) with three diets (vegetables, sorghum, and grass (grazed + grass silage during the winter)).
- 
 Propagation of innovations for a more resistant dairy production in the Atlantic area; robust and resilient dairy systems

SITE CHARACTERISTICS

Soil: Humic cambisol

Precipitations: 1,200 mm/year

Climate: Oceanic

Altitude: 100m



FARM CHARACTERISTICS

Total area (ha): 100

Crop rotation: Meadow (several yrs)/ corn (spring-summer). Ryegrass, ryegrass with legumes (autumn-winter)/corn, sorghum or sunflowers (spring-summer)

Milking cows: 120 (Holstein Friesian)

Young stock: 45 Heifers 15 Calves

Bulls: 1

Production intensity: 8,000-8,500 kg milk per cow per yr

Grazing hours: 10-12 hours per day

Grazing period: March-July + October-December

Workers: 12 (part-time)

SPECIAL EQUIPMENT

- Milking parlour
- Feeding boxes
- Automatic weighing feeders
- injector (open slot), deep injector, slurry tankers

FACILITIES

- Soil and GHG laboratory
- Digestibility and forage lab
- Stables, silos, straw storage

EDUCATION CAPABILITIES

- Large meeting room + classroom
- Open doors technical days
- Local TV interventions
- Articles in agricultural magazines
- Leaflets, books
- Visits (advisers, farmers, students)

More details on: www.eurodairy.eu
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