



Lyons Dairy Systems Research Herd Notes 2025

Project Objectives

- To develop a profitable high-output grass-based spring milk production system
- To incorporate the most recent advances in grassland management for dairy farms into a high- output system
- Use a type of dairy cow that has good genetic indices for both milk production and fertility
- Employ the best practices from nutrition research and dairy cow husbandry
- Incorporate nutritional studies into a high-output system
- To incorporate management technologies and system attributes that enhance the sustainability of dairy production



For more details on the High Output Systems Research Herd visit <https://www.ucd.ie/agfood/about/lyonsresearchfarm/lyonsdairyherd/>

Lyons Systems Research Herd Notes Week 10/11/2025

Farm Details:

Area Available	17.35	Ha
Current SR (MP)	3.11	LU/ha
Farm Cover	738	kg DM/ha
Cover/LU	237	kg DM/day
Growth Rate	18	kg DM/ha/day
Demand	19	kg DM/ha/day
Average Conc.	4	kg/day
Average DIM	265	days
Grass DM	12	%

Cow Details:

Parameter	
Yield (kg/cow/day)	17.8
Fat %	5.23
Protein %	4.16
MS (kg/cow)	1.67
SCC cells/ml	53

Grazing plan:

The AFC was recorded at 738 kg on the 10th of November, with growth rates of 18 kg of DM/ha. The average pre-grazing cover between the 4th and 3rd of November was 1300 kg DM/ha. As of the 10th of November, 82% of the grazing platform has been closed for the season.

The current diet consists of grass allocation of 6 kg DM, silage allocation of 10 kg DM and 4 kg of concentrates.

Weather and ground conditions are being closely monitored. Between the 4th of November and 10th of November 9 mm of rain fell on the platform.