



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 08/12/2025

Cow Details:

Parameter	
Yield (kg/cow/day)	12.12
Fat %	5.30
Protein %	4.07
MS (kg/cow)	1.14
SCC cells/ml	76

Diet plan:

The cows are now housed full-time. Hence, the current diet consists of silage allocation of 16 kg DM and 4 kg of concentrates.

Comment:

17/54 cows have been dried off as of the 9th of December.

The herd is expected to reach between 600-620kg MS this year.