

Taking Steps to Reduce GHG Emissions



DAIRY - ALAN CLARKE
VIRGINIA, CAVAN

I have focused on getting my soil fertility right, with a particular emphasis on soil pH applying lime at any time of the year when I get the opportunity, resulting in increased grass grown

- 59% of soils optimum for pH, P & K
- 94% optimum for pH
- 50% of chemical N applied as NBPT Urea (Protected Urea)
- Overall N usage - 148kg N / ha



DAIRY- DERMOT HEANEY
NAVAN, MEATH

By matching my stocking rate to my grass growing capacity mid-season, combined with increased clover percentages, I was able to reduce chemical N use significantly and increase cow performance

- Chemical N use ↓45% since 2020
- 50% of grazing area with high & medium clover & some red clover silage
- 86% of soils optimum for pH, P & K
- 13.5 t DM / ha grown 2023 (13.4t DM in 2021)



DAIRY - KEVIN & ENDA FARRELL
BALLYMAHON, LONGFORD

As a new entrant I wanted to be sure I had a cow that was efficient at producing milk and reducing emissions, so I used my milk recording along with the ICBF Sire Advice tool to select my cows and bulls

- Change in EBI €11/year
- 451kg milk solids (av. 2021-2023)
- Team DBI €152 (Beef sub-index €145 & carcass weights 21.2kg)
- Sexed semen used on heifers only