



### Targets to reduce emissions





#### 50% reduction in nutrient loss by 2030

### Nitrogen metabolism in the grazing cow



# Reducing Nemissions

Milk ` Milk Milk Milk

Further experiments underway investigating low protein concentrate (8-15% CP) during spring, summer and autumn

Current data supports that low protein concentrate (<15%) can maintain milk production performance while reducing N emissions

This project is funded by the Department of Agriculture, Food and the Marine's Competitive Research Funding Programme

#### Low protein concentrate Pasture typically > 17% crude protein (CP)

	Concentrate
	25% CP
Yield, kg/d	27.4
Fat, %	4.51
Crude Protein, %	3.41
Solids Yield, kg/d	2.1

## Take home message



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#### CP (%; as-fed basis) 8% CP 18% CP 26.9 26.1 4.55 4.44 3.36 3.37 2.1 2.0