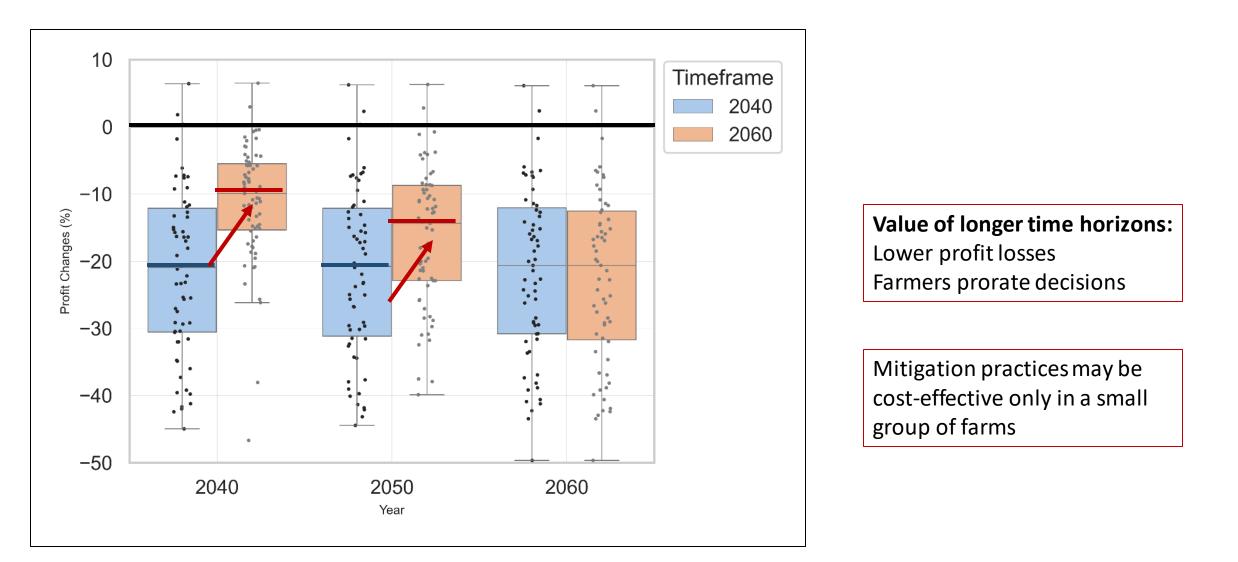
BRIEF OF EVIDENCE OF MARIO ANDRES FERNANDEZ CADENA

Profit changes for a 50% Reduction in N leaching and multiple years of compliance: a) 2040, b) 2060



		Percentage of N leaching reductions		
	Timeframe	10%	30%	50%
Number of farms shutting down	2040	17	19	24
	2060	16	18	19
Share of farms shutting down (%)	2040	25.4	28.4	35.8
	2060	23.9	26.9	28.4

- Timeframes show economic value by reducing profit losses, but farms are still at great risk of non-viability.
- Farmers are already under stress due to the EFW package and the ETS

Costs (in millions) to the aggregate dairy sector and the Otago region

	Year for co	Year for compliance or timeframe		
	2040	2060		
		Sector costs		
Base practices	7.3	3.3		
Plantain pasture	6.8	3.4		
Pivot irrigation	14.3	13.5		
	Regional costs			
Base practices	14.6	6.5		
Plantain pasture	13.6	6.8		
Pivot irrigation	28.6	27.0		
	Total change			
Base practices	21.9	9.8		
Plantain pasture	20.5	10.2		
Pivot irrigation	42.9	40.5		