

	Pre Installation Average	Post Installation Average	% Change	Financial Implementation (£)
1. Milk				
Average milk yield per cow per day (l)	31.1	33.9	9.00%	230 *per cow
Milk butterfat (%)	4.12	4.01	-2.67%	
2. Replacement and culling				
Herd culling rate (%)	52	52	0%	
Heifer first calving age (months)	27	27	0%	
3. Crop and resource use				
Nitrogen use per ha (kg N per ha)	105	105	0%	
Diesel use per cow (l per cow)	126	126	0%	
Electric use per litre (kWh per l)	0.052	0.048	-7.69%	356 *per 1M litres
5. Feed				
Total feed use per litre (kg concentrate equivalent/ litre)	0.35	0.31	-11.43%	9,870 *per 1M litres
Carbon performance (g CO₂e per litre BFC 4%)	941	904	-3.93%	

Financial implication of adopting 'Post Installation' Scenario	£53,195
Impact on finances per litre (p/litre)	1.9
Impact on finances per cow	£263
Impact on carbon per litre BFC 4%	-36



Notes

Figures for Fuel, Fertiliser, Culling rate and Calving age have remained the same due to the time period of this review .Pre installation core results relate to the performance For the January 2016. The post installation relates to the performance of February 2016.