Table 1. Pre-mating weights of Aberfields (kg) by age

Age at lambing, years	Aberfield Ewe Weight, kg
1	43.3 ± 2.44
2	62.9 ± 2.42
3	69.4 ± 2.42
4	72.9 ± 2.42
≥5	75.2 ± 2.43

Table 2. Effect of different methods of modelling ewe weight as percentage difference compared to method 1 on CH_4 emissions, output and CH_4 intensity of a100-ewe breeding flock and annual genetic trend and performance change over 10 years in ewe weight

	2. Ewe weight by age (pre-tupping weight)	3. Ewe weight by age (accounting for growth)	Change over 10 years using method 3 (Annual genetic trend = -0.238kg)
Change in ewe weight over 10 years	-	-	-2.38kg
CH_4 Emissions (% difference)	-3.3%	-2.4%	-2.5%
Carcase Output (% difference)	0.5%	1.3%	-1.6%
CH_4 Intensity (% difference)	-3.8%	-3.7%	-0.9%