



**AHDB Beef and Lamb
Farmbench
Costs of Production 2017/18**

Lamb Finishing

Ranked on net margin: per head and per lw kg output

Financial Performance (£ per head output)	(£ per head output)			(£ per lwt kg output)		
	Top 25%	Middle 50%	Bottom 25%	Top 25%	Middle 50%	Bottom 25%
Number of flocks in sample	12	25	12	12	25	12
Average head of output	484	627	471	484	627	471
Finished lamb sales and consumed	83.35	76.48	73.99	1.98	1.84	1.74
Breeding lamb sales and transfers	1.29	3.90	2.04	0.03	0.09	0.05
Other income	0.00	0.09	0.00	0.00	0.00	0.00
Gross Output	84.64	80.47	76.04	2.02	1.94	1.78
Cost of purchases and transfers	53.83	58.01	61.65	1.28	1.40	1.45
Output less cost	30.80	22.45	14.39	0.73	0.54	0.34
Variable Costs						
Purchased feed including minerals	1.70	2.95	3.64	0.04	0.07	0.09
Home-grown feed	0.13	0.33	0.58	0.00	0.01	0.01
Purchased forage	0.00	0.01	0.00	0.00	0.00	0.00
Home-grown forage (excludes contract)	1.10	2.02	1.57	0.03	0.05	0.04
Total feed and forage	2.93	5.30	5.79	0.07	0.13	0.14
Vet and medicine	0.94	1.59	3.58	0.02	0.04	0.08
Bedding	0.01	0.06	0.22	0.00	0.00	0.01
Other livestock expenses	3.36	3.42	4.30	0.08	0.08	0.10
Total variable costs	7.23	10.37	13.88	0.17	0.25	0.33
Gross Margin	23.57	12.09	0.50	0.56	0.29	0.01
Fixed Costs						
Labour - paid	2.44	2.52	8.01	0.06	0.06	0.19
Equipment repairs	0.26	0.73	1.10	0.01	0.02	0.03
Equipment hire	0.02	0.01	0.00	0.00	0.00	0.00
Contracting	0.11	0.43	1.05	0.00	0.01	0.02
Electricity	0.04	0.04	0.15	0.00	0.00	0.00
Fuel	0.44	0.81	2.35	0.01	0.02	0.06
Property maintenance and water	0.32	0.67	1.23	0.01	0.02	0.03
Land Rent (Actual)	0.29	0.90	1.95	0.01	0.02	0.05
Other	0.74	1.29	2.86	0.02	0.03	0.07
Finance	0.39	0.43	1.47	0.01	0.01	0.03
Cash Only fixed costs	5.05	7.83	20.17	0.12	0.19	0.47
Cash Only Cost of Production (inc purchase costs)	66.12	76.21	95.70	1.57	1.83	2.25
Cash Only Net Margin	18.52	4.26	-19.67	0.44	0.10	-0.46
Labour - unpaid (Imputed)	2.69	4.39	5.33	0.06	0.11	0.13
Land Rent (Imputed)	0.76	1.42	2.54	0.02	0.03	0.06
Depreciation	0.78	1.31	2.20	0.02	0.03	0.05
Non-Cash fixed costs	4.22	7.13	10.07	0.10	0.17	0.24
Full Economic fixed costs	9.27	14.96	30.24	0.22	0.36	0.71
Full Economic Cost of Production	70.34	83.33	105.77	1.67	2.00	2.48
Full Economic Net Margin	14.30	-2.87	-29.74	0.34	-0.07	-0.70
Physical Performance						
Mortality %	1.2	1.3	2.5	1.2	1.3	2.5
Feeding period (days)	111	93	95	111	93	95
Average liveweight at start (kg)	34	35	34	34	35	34
Average liveweight at disposal (kg)	42	42	43	42	42	43
Daily liveweight gain (kg per day)	0.07	0.08	0.09	0.07	0.08	0.09
Average carcass weight (kg)	18.0	19.2	18.6	18.0	19.2	18.6
Average cost/value of incoming lamb (£)	53.18	57.28	60.09	53.18	57.28	60.09
Return per lamb (£)	84.64	80.38	76.04	84.64	80.38	76.04
Liveweight price all lambs (£ per kg lwt)	2.02	1.93	1.78	2.02	1.93	1.78
Return per kg deadweight: finished lambs (£ per kg)	4.44	4.19	3.75	4.44	4.19	3.75
Lambs sold finished or store (%)	98	95	98	98	95	98
Lambs sold breeding (%)	0	2	2	0	2	2
Lambs retained breeding (%)	2	3	0	2	3	0
Average age at disposal (days)	289	284	255	289	284	255
Purchase price (£/kg lwt)	1.58	1.65	1.77	1.58	1.65	1.77
Total FW concentrate fed (kg/head)	9	17	19	9	17	19
Total DM concentrate fed (kg/head)	6	12	15	6	12	15
Average concentrate cost (£ per tonne)	181	185	181	181	185	181
Total FW forage fed (kg/head)	1	11	27	1	11	27
Total DM forage fed (kg/head)	0	5	11	0	5	11
Number of weeks housed	0	1	0	0	1	0
Stocking rate (LU/ha)	3.5	2.0	2.0	3.5	2.0	2.0
Total forage area allocated to enterprise (ha)	7	16	12	7	16	12
Inorganic nitrogen used (kg/ha)	500	426	286	500	426	286
Labour use - paid hours per lamb	0.2	0.2	0.7	0.2	0.2	0.7
Labour use - unpaid hours per lamb	0.2	0.4	0.5	0.2	0.4	0.5