



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

Beef finishing

Ranked on net margin: per head or per lwt kg output	(£ per head output)			(£ per lwt kg output)		
	Top 25%	Middle 50%	Bottom 25%	Top 25%	Middle 50%	Bottom 25%
Financial Performance						
Number of herds in sample	14	28	14	14	28	14
Average head of output	75	90	80	75	90	80
Finished cattle sales or consumed	1211.19	1112.15	1038.34	1.98	1.86	1.85
Store cattle sales and transfers	102.18	129.57	33.06	0.17	0.22	0.06
Other income	2.77	7.73	6.67	0.00	0.01	0.01
Gross Output	1316.14	1249.45	1078.07	2.15	2.09	1.92
Cost of purchases and transfers	665.50	734.94	618.04	1.09	1.23	1.10
Output less cost	650.64	514.51	460.03	1.06	0.86	0.82
Variable Costs						
Purchased feed including minerals	82.48	71.80	44.43	0.13	0.12	0.08
Home-grown feed	29.78	57.63	81.73	0.05	0.10	0.15
Purchased forage	0.00	7.10	6.46	0.00	0.01	0.01
Home-grown forage (excludes contract)	24.39	29.51	40.92	0.04	0.05	0.07
Total feed and forage	136.64	166.05	173.54	0.22	0.28	0.31
Vet and medicine	10.63	14.50	17.98	0.02	0.02	0.03
Bedding	17.41	25.25	61.03	0.03	0.04	0.11
Other livestock expenses	34.14	30.39	40.35	0.06	0.05	0.07
Total variable costs	198.84	236.20	292.88	0.33	0.40	0.52
Gross Margin	451.80	278.31	167.15	0.74	0.47	0.30
Fixed Costs						
Labour - paid	34.08	64.65	103.25	0.06	0.11	0.18
Equipment repairs	15.38	24.58	28.50	0.03	0.04	0.05
Equipment hire	0.57	3.12	3.17	0.00	0.01	0.01
Contracting	21.06	30.36	29.68	0.03	0.05	0.05
Electricity	1.71	3.03	4.32	0.00	0.01	0.01
Fuel	13.86	18.86	27.46	0.02	0.03	0.05
Property maintenance and water	16.37	22.34	45.38	0.03	0.04	0.08
Land Rent (Actual)	34.28	29.42	17.88	0.06	0.05	0.03
Other	17.52	31.05	52.29	0.03	0.05	0.09
Finance	9.86	9.19	21.68	0.02	0.02	0.04
Cash Only fixed costs	164.69	236.60	333.62	0.27	0.40	0.59
Cash Only Cost of Production	1029.03	1207.74	1244.54	1.68	2.02	2.22
Cash Only Net Margin	287.11	41.71	-166.47	0.47	0.07	-0.30
Labour - unpaid (Imputed)	53.02	57.23	121.16	0.09	0.10	0.22
Land Rent (Imputed)	24.56	39.23	37.99	0.04	0.07	0.07
Depreciation	22.65	45.23	64.73	0.04	0.08	0.12
Non-Cash costs	100.23	141.69	223.89	0.16	0.24	0.40
Full Economic fixed costs	264.92	378.30	557.51	0.43	0.63	0.99
Full Economic Cost of Production (inc purchase costs)	1129.26	1349.43	1468.43	1.85	2.26	2.62
Full Economic Net Margin	186.89	-99.99	-390.36	0.31	-0.17	-0.70
Physical Performance						
Mortality %	0.8	1.2	1.0	0.8	1.2	1.0
Average age at start (days)	241	319	256	241	319	256
Average age at disposal (days)	605	621	552	605	621	552
Feeding period (days)	364	302	296	364	302	296
Average liveweight at start (kg)	303	344	295	303	344	295
Average liveweight at disposal (kg)	611	598	561	611	598	561
Daily liveweight gain (kg per day)	0.8	0.8	0.8	0.8	0.8	0.8
Average carcass weight (kg)	327	333	331	327	333	331
Weight produced per forage hectare (kg/ha)	9	6	8	9	6	8
Purchase value per head (£)	803	759	612	803	759	612
Return per head finished (£)	1326	1277	1122	1326	1277	1122
Return per head store (£)	1015	879	853	1015	879	853
Return per head breeding or transferred (£)	1134	1148	483	1134	1148	483
Purchase price (£ per kg lwt)	2.18	2.11	2.08	2.18	2.11	2.08
Liveweight sale price all animals (£ per kg lwt)	2.15	2.08	1.92	2.15	2.08	1.92
Liveweight sale price: finished cattle (£/kg lwt)	2.16	2.07	1.90	2.16	2.07	1.90
Deadweight sale price: finished cattle (£/kg dwt)	4.09	3.84	3.62	4.09	3.84	3.62
Finished (%)	90	87	93	90	87	93
Store (%)	4	8	0	4	8	0
Breeding sales and transfers (%)	6	5	7	6	5	7
Output heifers (%)	33	36	49	33	36	49
Output steers (%)	57	53	29	57	53	29
Output bulls (%)	10	11	23	10	11	23
Total FW concentrate use (kg per head)	745	916	912	745	916	912
Total DM concentrate use (kg per head)	546	669	744	546	669	744
Average concentrate cost (£ per tonne)	144	136	133	144	136	133
Total FW forage (kg per head)	3349	4314	2750	3349	4314	2750
Total DM forage (kg per head)	1029	1144	860	1029	1144	860
Number of weeks housed	25	25	26	25	25	26
Stocking rate (LU per ha)	1.4	1.3	1.4	1	1	1
Total forage area allocated to enterprise (ha)	32.4	40.7	31.6	32.4	40.7	31.6
Inorganic nitrogen use (kg per ha)	210	138	129	210	138	129
Labour use - paid hours per head	3.1	5.8	8.9	3.1	5.8	8.9
Labour use - unpaid hours per head	4.4	4.9	9.4	4.4	4.9	9.4