



**AHDB Beef and Lamb
Stocktake
Costs of Production 2015/16**

Beef Finishing - 16 to 24 months of age

Financial Performance (£ per head output)	(£ per head output)			(£ per dwt kg output)		
	Bottom Half	Average	Top Half	Bottom Half	Average	Top Half
Number of herds in sample	24	49	25	24	49	25
Average head of output	63	77	91	63	77	91
Cattle output	1166.06	1190.23	1206.49	3.53	3.60	3.65
Other income	17.10	16.94	16.97	0.05	0.05	0.05
Gross Output	1183.17	1207.17	1223.46	3.58	3.65	3.70
Purchase costs	628.01	535.60	477.20	1.90	1.62	1.44
Output less purchase costs	555.16	671.57	746.26	1.68	2.03	2.26
Variable Costs						
Purchased feed including minerals	147.77	119.94	101.08	0.45	0.36	0.31
Home-grown feed	89.97	60.60	43.51	0.27	0.18	0.13
Purchased forage	9.65	9.31	8.98	0.03	0.03	0.03
Home-grown forage (excludes contract)	35.85	42.98	47.85	0.11	0.13	0.14
Total feed and forage	283.23	232.84	201.41	0.86	0.70	0.61
Vet and medicine	18.66	15.62	13.48	0.06	0.05	0.04
Bedding	40.82	36.51	33.57	0.12	0.11	0.10
Other livestock expenses	37.47	32.75	29.74	0.11	0.10	0.09
Total variable costs	380.18	317.71	278.20	1.15	0.96	0.84
Gross Margin	174.98	353.85	468.05	0.53	1.07	1.42
Fixed Costs						
Labour - paid	49.58	46.81	44.50	0.15	0.14	0.13
Machinery repairs and spares	21.84	23.63	24.68	0.07	0.07	0.07
Contracting	24.91	47.83	63.05	0.08	0.14	0.19
Electricity	3.07	3.03	3.10	0.01	0.01	0.01
Fuel	26.55	25.34	24.67	0.08	0.08	0.07
Property maintenance and water	20.49	23.89	26.21	0.06	0.07	0.08
Land Rent (Actual)	33.89	31.02	30.74	0.10	0.09	0.09
Overheads	44.29	37.90	33.60	0.13	0.11	0.10
Cash Only fixed costs	224.62	239.45	250.56	0.68	0.72	0.76
Cash Only Cost of Production	1232.80	1092.77	1005.96	3.73	3.31	3.05
Cash Only Net Margin	-49.64	114.40	217.50	-0.15	0.35	0.66
Depreciation	89.91	69.35	56.78	0.27	0.21	0.17
Finance costs (Imputed)	27.98	30.35	32.02	0.08	0.09	0.10
Labour - unpaid (Imputed)	57.26	54.48	53.58	0.17	0.16	0.16
Land Rent (Imputed)	36.72	27.51	22.26	0.11	0.08	0.07
Non-Cash fixed costs	211.87	181.69	164.64	0.64	0.55	0.50
Full Investment fixed costs	436.49	421.14	415.20	1.32	1.27	1.26
Full Investment Cost of Production (inc purchase costs)	1444.67	1274.46	1170.60	4.37	3.86	3.54
Full Investment Net Margin	-261.51	-67.29	52.86	-0.79	-0.20	0.16
Physical Performance						
Mortality %	1.0	1.6	2.1			
Average age at start (days)	218	188	169			
Average age at sale (days)	610	607	603			
Feeding period (days)	392	419	434			
Average liveweight at start (kg)	267	234	214			
Average liveweight at sale (kg)	603	607	609			
Daily liveweight gain (kg per day)	0.9	0.9	0.9			
Average carcass weight (kg)	331	331	330			
Purchase value per head (£)	621	527	468			
Return per head finished (£)	1182	1198	1209			
Return per head store (£)	865	961	1108			
Purchase price (£ per kg lwt)	2.61	2.47	2.37			
Liveweight sale price all animals (£ per kg lwt)	1.94	1.97	1.99			
Liveweight sale price: finished cattle (£ per kg lwt)	1.95	1.97	1.98			
Deadweight sale price: finished cattle (£ per kg dwt)	3.58	3.63	3.66			
Finished (%)	95	97	98			
Store (%)	5	3	2			
Output heifers (%)	35	34	34			
Output steers (%)	52	55	56			
Output bulls (%)	13	11	10			
Total FW concentrate use (kg per head)	1692	1301	1058			
Total DM concentrate use (kg per head)	1129	928	810			
Average concentrate cost (£ per tonne)	146	145	143			
Total FW forage (kg per head)	5474	5060	5034			
Total DM forage (Kg per head)	1812	1576	1508			
Number of full grazing weeks	19	19	18			
Stocking rate (LU per ha)	1.5	1.9	2.2			
Inorganic nitrogen use (kg per ha)	61	65	67			
Labour use - paid hours per head	4.8	4.7	4.5			
Labour use - unpaid hours per head	5.8	5.6	5.6			