



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

**Beef Finishing - over 16 months of age**

Financial Performance (£ per head output)	(£ per head output)			(£ per dwt kg output)		
	Bottom	Top		Bottom	Top	
	Third	Average	Third	Third	Average	Third
Number of herds in sample	23	71	23	23	71	23
Average head of output	57	126	77	57	126	77
Cattle output	1180.88	1117.83	1290.73	3.60	3.31	3.94
Other income	19.57	7.45	16.21	0.06	0.02	0.05
<b>Gross Output</b>	<b>1200.45</b>	<b>1125.27</b>	<b>1306.94</b>	<b>3.66</b>	<b>3.34</b>	<b>3.99</b>
Purchase costs	609.18	560.56	431.03	1.86	1.66	1.32
<b>Output less purchase costs</b>	<b>591.28</b>	<b>564.71</b>	<b>875.91</b>	<b>1.80</b>	<b>1.67</b>	<b>2.67</b>
<b>Variable Costs</b>						
Purchased feed including minerals	126.12	129.83	76.15	0.38	0.38	0.23
Home-grown feed	105.26	33.74	32.98	0.32	0.10	0.10
Purchased forage	10.56	16.92	7.66	0.03	0.05	0.02
Home-grown forage (excludes contract)	35.60	27.45	53.39	0.11	0.08	0.16
<b>Total feed and forage</b>	<b>277.54</b>	<b>207.94</b>	<b>170.19</b>	<b>0.85</b>	<b>0.62</b>	<b>0.52</b>
Vet and medicine	19.59	9.85	13.32	0.06	0.03	0.04
Bedding	42.42	24.59	33.04	0.13	0.07	0.10
Other livestock expenses	36.63	40.48	33.05	0.11	0.12	0.10
<b>Total variable costs</b>	<b>376.18</b>	<b>282.87</b>	<b>249.59</b>	<b>1.15</b>	<b>0.84</b>	<b>0.76</b>
<b>Gross Margin</b>	<b>215.10</b>	<b>281.84</b>	<b>626.32</b>	<b>0.66</b>	<b>0.84</b>	<b>1.91</b>
<b>Fixed Costs</b>						
Labour - paid	72.28	53.09	53.04	0.22	0.16	0.16
Machinery repairs and spares	27.30	22.72	31.86	0.08	0.07	0.10
Contracting	32.70	26.21	76.94	0.10	0.08	0.23
Electricity	2.79	3.24	3.58	0.01	0.01	0.01
Fuel	26.87	25.10	27.97	0.08	0.07	0.09
Property maintenance and water	26.25	14.48	24.76	0.08	0.04	0.08
Land Rent (Actual)	29.66	21.39	43.62	0.09	0.06	0.13
Overheads	53.72	29.78	32.63	0.16	0.09	0.10
<b>Cash Only fixed costs</b>	<b>271.57</b>	<b>196.00</b>	<b>294.40</b>	<b>0.83</b>	<b>0.58</b>	<b>0.90</b>
<b>Cash Only Cost of Production</b>	<b>1256.93</b>	<b>1039.44</b>	<b>975.02</b>	<b>3.83</b>	<b>3.08</b>	<b>2.98</b>
<b>Cash Only Net Margin</b>	<b>-56.47</b>	<b>85.84</b>	<b>331.92</b>	<b>-0.17</b>	<b>0.25</b>	<b>1.01</b>
Depreciation	120.23	58.70	64.75	0.37	0.17	0.20
Finance costs (Imputed)	32.27	25.16	38.79	0.10	0.07	0.12
Labour - unpaid (Imputed)	59.70	34.61	49.45	0.18	0.10	0.15
Land Rent (Imputed)	69.21	20.55	37.16	0.21	0.06	0.11
<b>Non-Cash fixed costs</b>	<b>281.41</b>	<b>139.03</b>	<b>190.15</b>	<b>0.86</b>	<b>0.41</b>	<b>0.58</b>
<b>Full Investment fixed costs</b>	<b>552.98</b>	<b>335.03</b>	<b>484.55</b>	<b>1.68</b>	<b>0.99</b>	<b>1.48</b>
<b>Full Investment Cost of Production (inc purchase costs)</b>	<b>1538.33</b>	<b>1178.47</b>	<b>1165.17</b>	<b>4.69</b>	<b>3.49</b>	<b>3.56</b>
<b>Full Investment Net Margin</b>	<b>-337.88</b>	<b>-53.19</b>	<b>141.77</b>	<b>-1.03</b>	<b>-0.16</b>	<b>0.43</b>
<b>Physical Performance</b>						
Mortality %	0.9	1.8	2.2			
Average age at start (days)	225	384	150			
Average age at sale (days)	656	710	649			
Feeding period (days)	432	326	499			
Average liveweight at start (kg)	258	320	188			
Average liveweight at sale (kg)	601	624	603			
Daily liveweight gain (kg per day)	0.8	1.0	0.8			
Average carcass weight (kg)	328	337	328			
Purchase value per head (£)	602	551	422			
Return per head finished (£)	1182	1118	1290			
Return per head store (£)	1144	1120	1334			
Purchase price (£ per kg lwt)	2.60	1.96	2.39			
Liveweight sale price all animals (£ per kg lwt)	1.97	1.80	2.15			
Liveweight sale price: finished cattle (£ per kg lwt)	1.95	1.80	2.14			
Deadweight sale price : finished cattle (£ per kg dwt)	3.61	3.33	3.96			
Finished (%)	97	98	98			
Store (%)	3	2	2			
Output heifers (%)	33	34	26			
Output steers (%)	53	61	71			
Output bulls (%)	13	5	3			
Total FW concentrate use (kg per head)	1571	2112	674			
Total DM concentrate use (kg per head)	1052	1282	545			
Average concentrate cost (£ per tonne)	150	97	157			
Total FW forage (kg per head)	5618	3360	6381			
Total DM forage (kg per head)	1877	1118	1868			
Number of full grazing weeks	24	23	26			
Stocking rate (LU per ha)	1.3	1.6	1.6			
Inorganic nitrogen use (kg per ha)	51	51	26			
Labour use - paid hours per head	7.1	4.6	5.5			
Labour use - unpaid hours per head	6.2	3.5	5.1			