



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

**Beef Finishing - up to 16 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	9	18	9	9	18	9
Average head of output	48	57	67	48	57	67
Cattle output	1151.47	1171.00	1184.21	3.41	3.27	3.16
Other income	30.19	16.89	7.90	0.09	0.05	0.02
<b>Gross Output</b>	<b>1181.67</b>	<b>1187.90</b>	<b>1192.11</b>	<b>3.50</b>	<b>3.32</b>	<b>3.19</b>
Purchase costs	676.05	691.05	701.20	2.00	1.93	1.87
<b>Output less purchase costs</b>	<b>505.62</b>	<b>496.84</b>	<b>490.91</b>	<b>1.50</b>	<b>1.39</b>	<b>1.31</b>
<b>Variable Costs</b>						
Purchased feed including minerals	200.63	189.03	181.19	0.59	0.53	0.48
Home-grown feed	182.13	85.41	20.01	0.54	0.24	0.05
Purchased forage	0.00	1.91	3.21	0.00	0.01	0.01
Home-grown forage (excludes contract)	15.92	14.03	12.76	0.05	0.04	0.03
<b>Total feed and forage</b>	<b>398.67</b>	<b>290.39</b>	<b>217.17</b>	<b>1.18</b>	<b>0.81</b>	<b>0.58</b>
Vet and medicine	18.57	17.47	16.72	0.06	0.05	0.04
Bedding	51.58	38.45	29.57	0.15	0.11	0.08
Other livestock expenses	42.93	37.64	34.06	0.13	0.11	0.09
<b>Total variable costs</b>	<b>511.76</b>	<b>383.94</b>	<b>297.51</b>	<b>1.52</b>	<b>1.07</b>	<b>0.79</b>
<b>Gross Margin</b>	<b>-6.14</b>	<b>112.91</b>	<b>193.40</b>	<b>-0.02</b>	<b>0.32</b>	<b>0.52</b>
<b>Fixed Costs</b>						
Labour - paid	61.04	56.00	52.59	0.18	0.16	0.14
Machinery repairs and spares	11.38	8.84	7.12	0.03	0.02	0.02
Contracting	9.70	7.94	6.76	0.03	0.02	0.02
Electricity	2.53	1.91	1.49	0.01	0.01	0.00
Fuel	16.33	12.48	9.88	0.05	0.03	0.03
Property maintenance and water	20.54	19.22	18.33	0.06	0.05	0.05
Lant Rent (Actual)	4.30	4.29	3.98	0.01	0.01	0.01
Overheads	28.43	29.65	30.47	0.08	0.08	0.08
<b>Cash Only fixed costs</b>	<b>154.24</b>	<b>140.33</b>	<b>130.62</b>	<b>0.46</b>	<b>0.39</b>	<b>0.35</b>
<b>Cash Only Cost of Production</b>	<b>1342.05</b>	<b>1215.32</b>	<b>1129.33</b>	<b>3.98</b>	<b>3.39</b>	<b>3.02</b>
<b>Cash Only Net Margin</b>	<b>-160.38</b>	<b>-27.42</b>	<b>62.78</b>	<b>-0.48</b>	<b>-0.08</b>	<b>0.17</b>
Depreciation	40.48	45.59	49.04	0.12	0.13	0.13
Finance costs (Imputed)	20.43	18.42	17.07	0.06	0.05	0.05
Labour - unpaid (Imputed)	32.99	19.98	11.19	0.10	0.06	0.03
Land Rent (Imputed)	7.64	5.93	5.07	0.02	0.02	0.01
<b>Non-Cash fixed costs</b>	<b>101.53</b>	<b>89.92</b>	<b>82.38</b>	<b>0.30</b>	<b>0.25</b>	<b>0.22</b>
<b>Full Investment fixed costs</b>	<b>255.78</b>	<b>230.25</b>	<b>213.00</b>	<b>0.76</b>	<b>0.64</b>	<b>0.57</b>
<b>Full Investment Cost of Production (inc purchase costs)</b>	<b>1443.58</b>	<b>1305.25</b>	<b>1211.71</b>	<b>4.28</b>	<b>3.65</b>	<b>3.24</b>
<b>Full Investment Net Margin</b>	<b>-261.91</b>	<b>-117.35</b>	<b>-19.60</b>	<b>-0.78</b>	<b>-0.33</b>	<b>-0.05</b>
<b>Physical Performance</b>						
Mortality %	1.8	1.8	1.8			
Average age at start (days)	223	228	232			
Average age at sale (days)	440	436	432			
Feeding period (days)	217	207	200			
Average liveweight at start (kg)	334	329	327			
Average liveweight at sale (kg)	614	624	631			
Daily liveweight gain (kg per day)	1.3	1.5	1.6			
Average carcasse weight (kg)	337	358	374			
Purchase value per head (£)	667	681	691			
Return per head finished (£)	1151	1194	1227			
Return per head store (£)	n.a	917	917			
Purchase price (£ per kg lwt)	1.98	2.04	2.09			
Liveweight sale price all animals (£ per kg lwt)	1.88	1.88	1.88			
Liveweight sale price: finished cattle (£ per kg lwt)	1.88	1.86	1.84			
Deadweight sale price : finished cattle (£ per kg dwt)	3.43	3.35	3.28			
Finished (%)	100	92	86			
Store (%)	0	8	14			
Output heifers (%)	27	20	16			
Output steers (%)	10	5	2			
Output bulls (%)	62	74	82			
Total FW concentrate use (kg per head)	2770	1919	1344			
Total DM concentrate use (kg per head)	2035	1432	1025			
Average concentrate cost (£ per tonne)	151	152	153			
Total FW forage (kg per head)	938	1770	2333			
Total DM forage (Kg per head)	289	524	684			
Number of full grazing weeks	6	4	2			
Stocking rate (LU per ha)	3.7	4.0	4.2			
Inorganic nitrogen use (kg per ha)	112	111	110			
Labour use - paid hours per head	6.3	4.7	3.6			
Labour use - unpaid hours per head	3.1	1.8	0.9			