



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

**Beef Stores**

Financial Performance (£ per head output)	(£ per head output)			(£ per lwt kg output)		
	Bottom	Top		Bottom	Top	
	Third	Average	Third	Third	Average	Third
Number of herds in sample	15	45	15	15	45	15
Average head of output	33	53	67	33	53	67
Cattle output	900.47	927.85	987.27	2.06	1.94	1.96
Other income	3.55	3.28	5.99	0.01	0.01	0.01
<b>Gross Output</b>	<b>904.02</b>	<b>931.13</b>	<b>993.26</b>	<b>2.07</b>	<b>1.95</b>	<b>1.97</b>
Purchase costs	666.98	593.67	558.60	1.52	1.24	1.11
<b>Output less purchase costs</b>	<b>237.04</b>	<b>337.46</b>	<b>434.66</b>	<b>0.54</b>	<b>0.71</b>	<b>0.86</b>
<b>Variable Costs</b>						
Purchased feed including minerals	107.30	66.35	50.65	0.25	0.14	0.10
Home-grown feed	15.78	11.53	8.17	0.04	0.02	0.02
Purchased forage	1.61	9.69	19.91	0.00	0.02	0.04
Home-grown forage (excludes contract)	13.38	18.51	19.25	0.03	0.04	0.04
<b>Total feed and forage</b>	<b>138.06</b>	<b>106.07</b>	<b>97.98</b>	<b>0.32</b>	<b>0.22</b>	<b>0.19</b>
Vet and medicine	12.12	9.88	9.94	0.03	0.02	0.02
Bedding	22.60	29.14	34.53	0.05	0.06	0.07
Other livestock expenses	26.89	22.02	24.47	0.06	0.05	0.05
<b>Total variable costs</b>	<b>199.66</b>	<b>167.11</b>	<b>166.92</b>	<b>0.46</b>	<b>0.35</b>	<b>0.33</b>
<b>Gross Margin</b>	<b>37.38</b>	<b>170.35</b>	<b>267.74</b>	<b>0.09</b>	<b>0.36</b>	<b>0.53</b>
<b>Fixed Costs</b>						
Labour - paid	15.93	21.38	24.53	0.04	0.04	0.05
Machinery repairs and spares	24.44	14.02	9.01	0.06	0.03	0.02
Contracting	12.77	12.73	13.04	0.03	0.03	0.03
Electricity	3.31	1.78	1.53	0.01	0.00	0.00
Fuel	22.60	14.10	11.23	0.05	0.03	0.02
Property maintenance and water	11.50	14.22	11.21	0.03	0.03	0.02
Land Rent (Actual)	20.87	24.03	19.85	0.05	0.05	0.04
Overheads	47.03	33.07	23.86	0.11	0.07	0.05
<b>Cash Only fixed costs</b>	<b>158.44</b>	<b>135.34</b>	<b>114.27</b>	<b>0.36</b>	<b>0.28</b>	<b>0.23</b>
<b>Cash Only Cost of Production</b>	<b>1025.08</b>	<b>896.12</b>	<b>839.78</b>	<b>2.34</b>	<b>1.88</b>	<b>1.66</b>
<b>Cash Only Net Margin</b>	<b>-121.06</b>	<b>35.01</b>	<b>153.47</b>	<b>-0.28</b>	<b>0.07</b>	<b>0.30</b>
Depreciation	84.48	49.95	44.04	0.19	0.10	0.09
Finance costs (Imputed)	22.53	18.91	20.32	0.05	0.04	0.04
Labour - unpaid (Imputed)	54.76	35.38	27.29	0.13	0.07	0.05
Land Rent (Imputed)	16.40	18.13	19.85	0.04	0.04	0.04
<b>Non-Cash fixed costs</b>	<b>178.17</b>	<b>122.36</b>	<b>111.50</b>	<b>0.41</b>	<b>0.26</b>	<b>0.22</b>
<b>Full Investment fixed costs</b>	<b>336.61</b>	<b>257.70</b>	<b>225.77</b>	<b>0.77</b>	<b>0.54</b>	<b>0.45</b>
<b>Full Investment Cost of Production (inc purchase costs)</b>	<b>1203.25</b>	<b>1018.48</b>	<b>951.28</b>	<b>2.75</b>	<b>2.13</b>	<b>1.89</b>
<b>Full Investment Net Margin</b>	<b>-299.23</b>	<b>-87.35</b>	<b>41.97</b>	<b>-0.68</b>	<b>-0.18</b>	<b>0.08</b>
<b>Physical Performance</b>						
Mortality %	0.6	0.3	0.2			
Average age at start (days)	229	220	210			
Average age at sale (days)	462	465	500			
Feeding period (days)	233	245	289			
Average liveweight at start (kg)	299	287	278			
Average liveweight at sale (kg)	438	477	505			
Daily liveweight gain (kg per day)	0.6	0.8	0.8			
Purchase value per head (£)	664	592	558			
Return per head finished (£)	894	1098	1132			
Return per head store (£)	901	914	979			
Purchase price (£ per kg lwt)	2.24	2.08	2.04			
Liveweight sale price all animals (£ per kg lwt)	2.07	1.97	1.97			
Finished (%)	3	8	5			
Store (%)	97	92	95			
Output heifers (%)	38	47	46			
Output steers (%)	40	44	54			
Output bulls (%)	22	9	0			
Total FW concentrate use (kg per head)	642	593	703			
Total DM concentrate use (kg per head)	555	365	313			
Average concentrate cost (£ per tonne)	185	153	126			
Total FW forage (kg per head)	2954	2787	3062			
Total DM forage (Kg per head)	826	875	850			
Number of full grazing weeks	10	16	24			
Stocking rate (LU per ha)	1.3	1.3	1.6			
Inorganic nitrogen use (kg per ha)	59	52	63			
Labour use - paid hours per head	1.7	2.0	2.2			
Labour use - unpaid hours per head	6.0	3.6	2.7			