



**AHDB Beef and Lamb
Farmbench
Costs of Production 2016/17**

Autumn calving suckler herds

Ranked by net margin: per cow or per lwt kg output Financial Performance	(£ per cow to bull) Average	(£ per lwt kg output) Average
Number of herds in sample	6	6
Average herd size (cows to bull)	77	77
Calf sales before weaning	1.30	0.00
Calf sales at weaning	13.55	0.05
Market value of calves retained (£)	551.13	2.04
Other income	0.00	0.00
Gross Output	565.98	2.09
Cost of calves to put on to the suckler cows	0.92	0.00
Replacement costs	65.49	0.24
Output less replacement costs	499.57	1.85
Variable Costs		
Purchased feed including minerals	23.22	0.09
Home-grown feed	6.96	0.03
Purchased forage	6.58	0.02
Home-grown forage (excludes contract)	71.91	0.27
Total feed and forage	108.68	0.40
Vet and medicine	22.19	0.08
Bedding	9.25	0.03
Other livestock expenses	13.23	0.05
Total variable costs	153.36	0.57
Gross Margin	346.21	1.28
Fixed Costs		
Labour - paid	70.43	0.26
Machinery repairs and spares	28.62	0.11
Equipment hire	0.31	0.00
Contracting	56.17	0.21
Electricity	1.16	0.00
Fuel	24.78	0.09
Property maintenance and water	14.06	0.05
Land Rent (Actual)	80.61	0.30
Other	30.00	0.11
Finance	1.21	0.00
Cash Only fixed costs	307.34	1.14
Cash Only Cost of Production	527.11	1.95
Cash Only Net Margin	38.87	0.14
Labour - unpaid (Imputed)	75.60	0.28
Land Rent (Imputed)	87.50	0.32
Depreciation	41.75	0.15
Non-Cash costs	204.84	0.76
Full Economic fixed costs	512.18	1.89
Full Economic Cost of Production	731.95	2.70
Full Economic Net Margin	-165.97	-0.61
Physical Performance		
Cow to bull ratio	33	33
Percentage of cows/heifers scanned in-calf (%)	89	89
Calves born alive per 100 cows/heifers to bull	86	86
Calves born dead per 100 cows/heifers to bull	4	4
Calves died from birth to weaning per 100 cows/heifers to bull	1	1
Calves weaned per 100 cows/heifers to bull	85	85
Calves reared per 100 cows and heifers to bull	85	85
Calf losses from birth to weaning (% of born alive)	2	2
Calving period (first to last calf - weeks)	15	15
Cows and heifers calving in first 3 weeks (%)	41	41
Empty cows/heifers (%)	11	11
Cow mortality (%)	1	1
Herd replacement rate (%)	9	9
Average age at weaning (days)	301	301
Average weight at weaning (kg per head)	318	318
Daily liveweight gain for weaned calves (kg per day)	0.9	0.9
Weaned calf weight produced per forage hectare (kg per ha)	161	161
Return or value per calf (£ per head)	665	665
Calf price (£ per kg lwt)	2.09	2.09
Weaned calves sold at weaning (%)	4	4
Weaned calves retained at weaning (%)	96	96
Total FW cow concentrate use (kg per cow)	204	204
Total DM cow concentrate use (kg per cow)	98	98
Average concentrate cost (£ per tonne)	96	96
Total FW forage (kg per cow)	3744	3744
Total DM forage (kg per cow)	1444	1444
Creep feed fed (kg per calf weaned)	36	36
Number of weeks housed	13	13
Stocking rate (LU per ha)	1.0	1.0
Total forage area allocated to enterprise (ha)	85	85
Inorganic nitrogen use (kg per ha)	0	0
Labour use - paid hours per cow	9.0	9.0
Labour use - unpaid hours per cow	5.5	5.5