

## Beef suckler herds ranked by total economic margin, per cow put to the bull

FARMBENCH Suckler herd - cost of production		2021/22 (Calving 2022)			2022/23 (Calving 2023)			Change YOY for middle 50%
		Top 25%	Middle 50%	Bottom 25%	Top 25%	Middle 50%	Bottom 25%	
KPIs	Cost of production per calf (£/kg)	2.34	3.87	8.10	2.19	3.77	5.81	-3%
	200 day weaned calf weight per kg of cow bulled (%)	34.78	34.21	33.83	39.05	34.03	32.69	-1%
	Age at first calving (months)	24	27	29	25	27	30	0%
Enterprise detail	Number of cows/heifers put to bull	136	73	39	128	82	40	12%
	Total forage area allocated to enterprise (ha)	137	75	55	120	77	55	2%
	Number of weeks housed (weeks)	16	20	18	15	21	18	5%
Technical performance	Cow to bull ratio	33	29	22	30	29	24	0%
	Cows/heifers scanned in-calf (%)	93	90	95	93	90	92	0%
	Calves died from birth to weaning per 100 cows/heifers put to bull (%)	1.86	2.31	4.24	2.40	2.10	1.06	-9%
	Calves reared per 100 cows/heifers put to bull (%)	88.41	86.56	89.15	89.17	84.60	88.12	-2%
	Daily liveweight gain for weaned calves (kg/day)	1.06	1.05	0.88	1.14	1.07	1.06	2%
	Weight produced per forage hectare (kg/ha)	186	176	109	215	191	134	9%
	Non-forage feed fed DM (kg/hd)	130	147	43	55	177	155	20%
	Harvested forage fed DM (kg/hd)	1,133	1,599	2,419	907	1,100	1,222	-31%
Creep feed fed (kg/hd)	11	77	111	25	72	0	-7%	
Income (£/cow put to the bull)	Total income	670	665	515	763	658	606	-1%

Variable costs (£/cow put to the bull)	Vet and medicine	45.15	48.38	49.47	36.36	40.17	47.63	-17%
	Bedding	38.54	49.84	61.53	24.76	59.09	49.56	19%
	<b>Total variable costs excluding feed</b>	<b>107.06</b>	<b>171.47</b>	<b>127.60</b>	<b>113.37</b>	<b>141.66</b>	<b>156.45</b>	<b>-17%</b>
	Purchased feed including minerals	36.99	47.37	48.87	21.69	57.06	35.28	20%
	Purchased forage	13.02	21.92	106.74	2.90	31.89	15.98	45%
	Homegrown forage variable costs	28.19	62.96	95.28	38.68	91.59	67.31	45%
	<b>Total feed and forage costs</b>	<b>79.36</b>	<b>145.05</b>	<b>253.25</b>	<b>67.96</b>	<b>189.37</b>	<b>131.41</b>	<b>31%</b>
Overhead costs (£/cow put to the bull)	Total labour	134.15	224.13	446.96	127.77	198.52	488.23	-11%
	Total administration costs	33.11	53.19	106.36	38.54	45.14	74.73	-15%
	Total machinery and equipment	89.30	184.97	421.99	98.74	186.04	296.18	1%
	Total property and energy costs	39.57	66.36	136.77	31.66	64.61	105.87	-3%
	<b>Total overheads</b>	<b>412.26</b>	<b>698.09</b>	<b>1426.93</b>	<b>430.27</b>	<b>637.35</b>	<b>1261.87</b>	<b>-9%</b>
Full cost of production and net margin	<b>Full economic cost of production (£/cow put to the bull)</b>	<b>598.68</b>	<b>1,014.61</b>	<b>1,807.78</b>	<b>611.60</b>	<b>968.39</b>	<b>1,549.74</b>	<b>-5%</b>
	<b>Full economic net margin (£/cow put to the bull)</b>	<b>71.65</b>	<b>-349.81</b>	<b>1,292.82</b>	<b>151.05</b>	<b>-310.88</b>	<b>-943.97</b>	<b>£38.93 / cow put to the bull</b>