

Breeding flocks ranked by total economic margin, per ewe to the ram

Breeding flock: cost of production		Lambing 2022			Lambing 2023			Lambing 2024		
		Top 25%	Middle 50%	Bottom 25%	Top 25%	Middle 50%	Bottom 25%	Top 25%	Middle 50%	Bottom 25%
Key performance indicators	Cost of production per lamb reared (£/kg)	1.89	2.42	3.97	1.92	2.97	5.17	2.01	2.77	4.26
	Lambs reared per 100 ewes put to the ram (%)	154.46	138.67	137.57	142.95	131.63	133.85	142.36	135.47	122.36
	Daily liveweight gain for reared lambs (kg/day)	0.24	0.20	0.22	0.20	0.20	0.18	0.21	0.19	0.19
Enterprise details	Number of ewes put to ram	986	621	161	824	544	194	793	626	234
	Total forage area allocated to enterprise (ha)	108.23	101.78	31.50	147.89	89.67	81.28	115.92	90.52	54.52
	Number of weeks housed (weeks)	6	4	10	5	4	4	5	5	6
Technical performance	Ewe lambs tupped (%)	1.12	6.62	9.60	9.98	1.70	6.25	7.22	6.95	1.30
	Ewe to ram ratio	44.22	47.26	34.15	53.40	41.05	30.12	45.15	47.22	38.77
	Scanning percentage (%)	180.41	166.06	162.69	171.20	164.71	157.06	172.03	168.88	155.03
	Empty ewes (%)	3.31	4.55	9.47	6.14	5.63	6.32	7.04	5.58	5.10
	Age at sale (days)	152	171	184	171	165	186	171	175	170
	Weight produced per forage hectare (kg/ha lwt)	507	286	284	273	269	97	347	316	169
	Non-forage feed fed DM (kg/hd)	12.85	16.90	83.19	8.61	32.08	39.79	22.37	25.15	27.02
	Harvested forage fed DM (kg/hd)	66.67	72.35	55.17	51.41	73.81	85.15	48.04	58.10	50.69
Income (£/ewe put to the ram)	Creep feed fed (kg/hd)	6.37	6.60	3.41	1.02	10.18	11.84	7.16	5.27	5.61
	Total income	170.49	128.89	135.24	149.01	130.29	108.88	170.71	149.07	113.46
Variable costs (£/ewe put to the ram)	Vet and medicine	9.42	9.93	16.77	6.98	8.96	11.26	8.75	8.87	10.07
	Bedding	2.12	0.77	1.86	1.23	1.28	1.28	1.24	1.78	2.48
	Total variable costs exc feed	37.61	41.34	54.37	31.81	37.85	56.27	32.12	43.85	59.70
	Purchased feed including minerals	7.33	10.99	40.69	5.58	17.52	21.53	11.61	13.66	15.80
	Homegrown feed	1.93	0.03	0.52	0.16	1.80	0.24	1.33	0.45	0.00
	Homegrown forage variable costs	6.40	5.58	11.64	3.33	6.78	4.87	4.21	5.63	6.58
	Total feed and forage costs	18.20	19.07	53.36	13.64	27.48	36.56	20.48	20.87	22.59
Overheads (£/ewe put to the ram)	Total labour	26.04	23.77	59.04	22.59	28.34	53.41	18.81	28.11	37.44
	Total machinery and equipment	12.45	15.35	25.16	9.79	18.22	30.52	13.10	16.15	24.31
	Total property and energy costs	4.49	4.27	9.05	3.65	5.40	10.39	3.62	5.39	7.64
	Total administration costs	3.74	5.72	15.25	3.86	5.26	12.89	3.89	5.47	9.37
	Total overheads	61.24	66.37	135.00	59.50	81.59	142.93	60.87	76.90	105.60
Cost of production and margins (£/ewe put to the ram)	Full economic cost of production	117.05	126.78	242.73	104.95	146.92	235.77	113.47	141.61	187.89
	Full economic net margin	53.44	2.10	-107.49	44.06	-16.64	-126.88	57.24	7.46	-74.42

