

Beltex Breed Benchmark 2024 – National Terminal Sire Evaluation

Estimated Breeding Value	Attribute	Bottom 5%	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%	Top 5%
Birth Weight	Birth Weight	0.25	0.22	0.16	0.09	0.02	-0.04	-0.07
Lambing Ease	Lamb's Ease of Birth	-0.46	-0.35	-0.18	0.02	0.22	0.39	0.50
Lambing Ease Maternal	Ewe's Ease of Lambing	-0.09	-0.06	0.00	0.06	0.11	0.17	0.20
Lamb Survival	Survival to Sale	-0.06	-0.04	0.00	0.04	0.08	0.12	0.14
Eight Week Weight	Early Growth	-0.83	-0.57	-0.12	0.37	0.86	1.31	1.57
Shearling Weight	Ewe Efficiency	-1.91	-1.39	-0.51	0.46	1.43	2.31	2.83
Litter Size	Prolificacy	-0.05	-0.04	-0.02	0.00	0.02	0.04	0.05
Litter Size Reared	Prolificacy/Care	-0.03	-0.03	-0.01	0.00	0.01	0.03	0.03
Maternal Ability	Milk/Care	-0.36	-0.28	-0.15	0.00	0.15	0.28	0.36
Scan Weight	Growth	-1.88	-1.22	-0.11	1.13	2.37	3.48	4.14
Muscle Depth	Muscling	-1.00	-0.78	-0.41	0.00	0.41	0.78	1.00
Fat Depth	Finish	-0.31	-0.23	-0.10	0.05	0.20	0.33	0.41
CT Lean Weight	Muscling	-0.37	-0.29	-0.16	-0.01	0.14	0.27	0.35
CT Fat Weight	Finish	-0.29	-0.22	-0.10	0.04	0.18	0.30	0.37
CT muscularity	Carcase Shape	-0.68	-0.53	-0.27	0.01	0.29	0.55	0.70
CT Eye Muscle Area	Muscling	-0.92	-0.74	-0.44	-0.10	0.24	0.54	0.72
Total Spine Length	Carcase Length	-3.64	-2.87	-1.58	-0.15	1.28	2.57	3.34
Total Spine Number	Number Of Chops	-0.05	-0.04	-0.02	0.00	0.02	0.04	0.05
Predicted IMF %	Meat Quality	-0.11	-0.08	-0.04	0.01	0.06	0.10	0.13
Days to Slaughter	Speed of Finish	0.51	0.35	0.09	-0.20	-0.49	-0.75	-0.91
Carcase Weight	Carcase Weight	-0.06	-0.04	-0.01	0.02	0.05	0.08	0.10
Carcase Conformation	Conformation	-0.19	-0.16	-0.11	-0.06	-0.01	0.04	0.07
Fat Class	Finish	-0.02	-0.01	-0.01	0.00	0.01	0.01	0.02
Lamb Value	Overall Carcase Value	0.90	0.93	0.99	1.06	1.13	1.19	1.22
Terminal Sire Index	Profitable Slaughter Lambs	48	64	91	120	150	177	193
Maternal Index	Profitable Ewes	60	72	91	112	133	151	163

Rebasing - EBVs and indexes have been rebased and are expressed relative to the average animal in 2010.

Weight adjusted traits

Please note that all traits marked * are now weight adjusted. This means that EBVs are a better prediction of carcase composition at a fixed weight.

Example: A ram with a muscle depth EBV of +2mm is estimated to produce lambs with loin depths 1mm deeper at a fixed weight than a ram with an EBV of 0