

Beltex Breed Benchmark 2020 – National Terminal Sire Evaluation

Estimated Breeding Value	Attribute	Bottom 5%	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%	Top 5%
Birth Weight EBV (kg)	Birth Weight	0.32	0.27	0.18	0.09	0	-0.09	-0.14
Maternal Ability EBV (kg)	Milk / Care	-0.53	-0.42	-0.23	-0.02	0.19	0.38	0.49
Litter Size Born EBV (%)	Prolificacy	-0.06	-0.04	-0.01	0.02	0.05	0.08	0.1
Litter Size Reared EBV (%)	Prolificacy/Care	-0.05	-0.03	0	0.03	0.06	0.09	0.11
Eight Week Weight EBV (kg)	Growth	-0.91	-0.54	0.08	0.78	1.48	2.1	2.47
Scan Weight EBV (kg)	Growth	-2.38	-1.41	0.21	2.01	3.81	5.43	6.4
Muscle Depth EBV (mm)*	Muscling	-1.01	-0.74	-0.29	0.21	0.71	1.16	1.43
Fat Depth EBV (mm)*	Finish	-0.49	-0.39	-0.22	-0.03	0.16	0.33	0.43
Lean Weight EBV (kg)*	Muscling	-0.52	-0.4	-0.2	0.02	0.24	0.44	0.56
Fat Weight EBV (kg)*	Finish	-0.5	-0.41	-0.24	-0.06	0.12	0.29	0.38
Gigot Muscularity EBV (mm)*	Muscling	-1.21	-0.93	-0.46	0.06	0.58	1.05	1.33
Mature Size EBV (Shearling Weight) (kg)	Ewe efficiency	-2.31	-1.5	-0.15	1.36	2.87	4.22	5.03
FEC - Faecal Egg Count EBV	Health	0.07	0.05	0.02	-0.01	-0.04	-0.07	-0.09
CT Muscle Area EBV (mm ²)*	Muscling	-0.94	-0.68	-0.25	0.23	0.71	1.14	1.4
CT Intramuscular Fat % EBV (%)*	Meat quality	-0.16	-0.13	-0.07	-0.01	0.05	0.11	0.14
Total Spine Length EBV (cm)*	Carcase length	-6.65	-4.49	-0.88	3.14	7.16	10.77	12.93
Total Spine Vertebrae Count EBV (vertebra)	Carcase length	-0.13	-0.1	-0.04	0.03	0.1	0.16	0.19
Thoracic Length EBV (cm)*	Carcase length	-5.33	-3.82	-1.3	1.51	4.32	6.84	8.35
Thoracic Vertebrae Count EBV (vertebra)	Carcase length	-0.07	-0.05	-0.03	0	0.03	0.05	0.07
Lumbar Length EBV (cm)*	Carcase length	-3.33	-2.35	-0.71	1.11	2.93	4.57	5.55
Lumbar Vertebrae Count EBV (vertebra)	Carcase length	-0.06	-0.04	-0.01	0.02	0.05	0.08	0.1
Terminal Sire Index	Profitable slaughter lambs	47	67	102	140	178	212	232
Maternal Index	Profitable ewes	68	83	108	136	163	188	203

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 carcass 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