Meatlinc 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**	0.44	0.39	0.29	0.18	0.07	-0.03	-0.08
Maternal Ability EBV (kg)	**Milk / Care**	-0.52	-0.37	-0.13	0.14	0.41	0.65	0.8
Litter Size Born EBV (%)	**Prolificacy**	-0.09	-0.07	-0.04	-0.01	0.02	0.05	0.07
Litter Size Reared EBV (%)	**Prolificacy/Care**	-0.08	-0.06	-0.03	0	0.03	0.06	0.08
Eight Week Weight EBV (kg)	**Growth**	-0.54	-0.11	0.62	1.43	2.24	2.97	3.4
Scan Weight EBV (kg)	**Growth**	-1.58	-0.43	1.5	3.65	5.8	7.73	8.88
Muscle Depth EBV (mm)*	**Muscling**	-1.55	-1.14	-0.45	0.31	1.07	1.76	2.17
Fat Depth EBV (mm)*	**Finish**	-0.71	-0.57	-0.33	-0.07	0.19	0.43	0.57
Lean Weight EBV (kg)*	**Muscling**	-0.23	-0.13	0.04	0.23	0.42	0.59	0.69
Fat Weight EBV (kg)*	**Finish**	-0.65	-0.51	-0.27	-0.01	0.25	0.49	0.63
Gigot Muscularity EBV (mm)*	**Muscling**	-3	-2.38	-1.33	-0.17	0.99	2.04	2.66
Mature Size EBV (Shearling Weight) (kg)	**Ewe efficiency**	-1.29	-0.4	1.1	2.77	4.44	5.94	6.83
FEC - Faecal Egg Count EBV	**Health**	0.13	0.1	0.05	0	-0.05	-0.1	-0.13
CT Muscle Area EBV (mm^2)*	**Muscling**	-1.04	-0.52	0.34	1.3	2.26	3.12	3.64
CT Intramuscular Fat % EBV (%)*	**Meat quality**	-0.24	-0.2	-0.13	-0.06	0.01	0.08	0.12
Total Spine Length EBV (cm)*	**Carcase length**	-21.74	-18.15	-12.15	-5.47	1.21	7.21	10.8
Total Spine Vertebrae Count EBV (vertebra)	**Carcase length**	-0.5	-0.41	-0.26	-0.09	0.08	0.23	0.32
Thoracic Length EBV (cm)*	**Carcase length**	-12.34	-10.41	-7.18	-3.59	0	3.23	5.16
Thoracic Vertebrae Count EBV (vertebra)	**Carcase length**	-0.16	-0.13	-0.08	-0.03	0.02	0.07	0.1
Lumbar Length EBV (cm)*	**Carcase length**	-10.03	-8.16	-5.04	-1.56	1.92	5.04	6.91
Lumbar Vertebrae Count EBV (vertebra)	**Carcase length**	-0.15	-0.12	-0.07	-0.02	0.03	0.08	0.11
Terminal Sire Index	**Profitable slaughter lambs**	**59**	**87**	**136**	**189**	**243**	**291**	**320**
Maternal Index	**Profitable ewes**	**57**	**78**	**112**	**149**	**187**	**221**	**242**

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

04/03/2020