

Breed Benchmark for HAMPSHIRE DOWN

Analysis Date: 28/03/2008



20080263

Trait	Bottom 1%	Bottom 5%	Bottom 10%	Bottom 25%	Breed Average	Top 25%	Top 10%	Top 5%	Top 1%
Eight week weight	-0.49	0.08	0.39	0.87	1.34	2.01	2.60	2.95	3.53
Mature size	-0.57	-0.29	-0.18	0.00	0.18	0.36	0.55	0.68	1.66
Litter size	-0.11	-0.07	-0.05	-0.01	0.03	0.07	0.12	0.14	0.18
Maternal ability	-0.31	-0.16	-0.09	0.04	0.20	0.38	0.53	0.63	0.78
Scan weight	-0.97	0.10	0.64	1.45	2.40	3.66	4.82	5.52	6.83
Muscle depth	-0.43	-0.14	0.11	0.50	1.03	1.57	2.06	2.34	2.79
Fat depth	0.86	0.57	0.41	0.17	-0.04	-0.27	-0.50	-0.61	-0.85
Lean weight	-0.33	-0.08	0.04	0.33	0.68	1.06	1.41	1.58	2.03
Fat weight	1.81	1.51	1.33	1.07	0.78	0.54	0.35	0.19	-0.19
Gigot									
FEC									
Index	62	84	94	116	145	175	202	217	249

EBV	A brief explanation...
Eight week weight	The breeding potential for lamb growth rates from birth to 8 weeks of age.
Mature size	Choosing animals with high figures for this trait will increase mature size.
Litter size	Selection on high EBVs will increase the prolificacy of female replacements.
Maternal ability	This is the maternal component of the 8-week measurement. The higher this figure the better a ram's ewe lambs will perform as mothers (i.e. milking ability).
Scan weight	The breeding potential for lamb growth rates to 21 weeks (age at scanning). The selection of breeding stock with high scan weight EBVs will result in animals with heavier carcasses at a constant fat class or leaner carcasses at a constant age.
Muscle depth	Choosing animals with high muscle depth EBVs will increase lamb muscularity and hence the lean meat content of the carcase.
Fat depth	Negative values indicate animals with lower fat content which will produce leaner carcasses or which can be taken to higher weights without becoming over-fat.
Lean weight*	Breeding value predicting yield of lean meat in the carcase.
Fat weight*	Breeding value predicting yield of fat in the carcase.
Gigot*	Breeding value highlighting animals with superior breeding potential for gigot shape.
FEC**	Breeding potential for worm resistance, a negative number being preferable.
Index	Highlights superior breeding stock for a specific breeding objective.

* where the breed CT scans.

** where the breed FEC samples.