

Expected Progeny Differences - 2006 percentiles for several breeds

Darrh Bullock, UK Beef Extension Specialist

For more information on EPDs and Sire Selection see Fact Sheets ASC-141 and ASC-165.

British and American Breeds

EPD Breed	Calving Ease			Birth			Weaning Direct			Milk			Yearling		
	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%
Angus	4	7	11	2.3	1.1	-.8	38	44	54	19	23	29	70	81	96
Beefmaster				0.0	-.2	-.9	0	3	9	1	5	10	1	5	15
Brangus				1.9	.9	-1.2	23	29	39	9	14	22	37	47	62
Hereford	-.3	2.2	5.6	3.7	2.2	-.1	38	45	54	15	19	26	65	76	93
Murray Grey	0.0	2.1	5.3	1.3	-.3	-1.9	9	19	26	2	5	8	15	29	38
Red Angus	4	7	12	.6	-1.3	-4.0	32	39	49	17	21	27	56	68	85
Red Poll				.8	0.0	-1.2	2	4	9	1	3	6	1	3	11
Santa Gertrudis				.9	-.3	-1.3	5	9	18	0	4	9	7	13	27
Senepol				.8	-.3	-1.6	8	13	21	2	5	11	10	16	27
Shorthorn	.3	2.8	6.1	1.8	.3	-2.2	15	22	34	3	6	10	23	36	54

This chart is to give you a better understanding of how a bull compares with other bulls within a breed based on EPDs. You should not try to compare bulls of different breeds based on this chart or by any other means. As you can tell by this information a zero EPD is not “breed average” for most traits. The 25% and 5% column indicate the values necessary to be in the top 25 and 5 percent of that breed for that trait.

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Continental Breeds

EPD	Calving Ease			Birth			Weaning Direct			Milk			Yearling		
Breed	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%	Ave	25%	5%
Braunvieh				.7	-.1	-1.8	4	9	17	0	1	4	5	10	25
Charolais				1.3	-.2	-2.7	21	27	37	6	11	17	36	47	65
Chianina				3.1	1.3	-.9	31	36	48	8	12	17	53	63	82
Gelbvieh	103	107	112	1.9	.7	-1.5	41	46	55	18	21	26	73	81	94
Limousin	5	9	13	2.3	1.1	-1.0	37	43	52	18	22	28	69	78	91
Maine Anjou				3.6	2.2	.1	41	48	58	20	24	30	83	92	108
Salers				1.1	.1	-1.5	9	14	27	8	12	18	13	23	43
Simmental	5.8	9.2	12.1	2.5	1.3	-.7	34	39	49	6	9	15	56	66	82
Tarentaise	0	3	6	1.5	0	-1.8	4	14	28	1	3	6	11	25	43

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