

NAV pure beef breeding values: Breed specific weights for subindices

Pure beef breeding values are combined into seven subindices. The traits included in the subindices are the same for all breeds but weighting of the traits is different for all breeds. Here are presented the subindices and the breed specific weights.

Table 1. List of breeds included in the Nordic purebred beef evaluation

Breed	Abbreviation	Breed	Abbreviation
Aberdeen Angus	AAN	Dexter	DXT
Charolais	CHA	Galloway	GLW
Hereford	HER	Grauvieh	TGR
Limousine	LIM	Highland Cattle	HLA
Simmental	SIM	Piemontes	PIE
Blonde d'Aquitaine	BAQ	Salers	SAL
Danish Blue Cattle	BBL	Shorthorn (beef)	BSH

Table 2. Joint Nordic subindices for beef

Production		Dam		Birth
Growth	Slaughter quality	Calving	Milk	

Table 3. Production indices

		Weights (%)													
Subindex	Breeding value	AAN	CHA	HER	LIM	SIM	BAQ	BBL	DXT	GLW	TGR	HLA	PIE	SAL	BSH
Growth	Daily carcass gain	75	75	50	75	50	75	75	50	50	50	60	50	50	60
	Yearling weight, direct	25	25	50	25	50	25	25	50	50	50	40	50	50	40
Slaughter quality	Carcass conformation score	100	75	90	75	75	75	100	100	100	100	90	100	100	100
	Carcass fat score	0	25	10	25	25	25	0	0	0	0	10	0	0	0
Production	Growth	70	70	50	50	70	70	50	50	70	70	60	70	50	60
	Slaughter quality	30	30	50	50	30	30	50	50	30	30	40	30	50	40

Table 4. Dam indices

		Weights (%)													
Subindex	Breeding value	AAN	CHA	HER	LIM	SIM	BAQ	BBL	DXT	GLW	TGR	HLA	PIE	SAL	BSH
Calving	Calving ease, maternal, 1 st calv.	40	40	29	30	35	40	10	40	40	34	30	34	30	20
	Calf survival, maternal, 1 st calv.	40	40	34	31	25	40	10	40	40	46	35	29	25	30
	Calving ease, maternal, 2+ calv.	10	10	20	16	19	10	40	10	10	15	15	20	25	20
	Calf survival, maternal, 2+ calv.	10	10	17	24	21	10	40	10	10	3	20	17	20	30
Milk	Weaning weight gain, maternal	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Dam	Calving	50	50	30	50	50	50	80	30	30	50	50	50	30	60
	Milk	50	50	70	50	50	50	20	70	70	50	50	50	70	40

Table 5. Birth indices

		Weights (%)													
Subindex	Breeding value	AAN	CHA	HER	LIM	SIM	BAQ	BBL	DXT	GLW	TGR	HLA	PIE	SAL	BSH
Birth	Calving ease, direct, 1 st calv.	41	30	36	28	32	32	10	40	32	40	30	32	29	20
	Calf survival, direct, 1 st calv.	43	25	46	25	20	20	10	40	20	40	35	20	34	30
	Calving ease, direct, 2+ calv.	9	25	15	17	21	21	40	10	21	10	15	21	17	20
	Calf survival, direct, 2+ calv.	7	20	3	30	27	27	40	10	27	10	20	27	20	30