

Table 1. Number of sires, progeny, mean estimated breeding values for birthweight (BWT), gestation length (GL), 200-, 400-, 600-day weight, and years of progeny test data included in regression analysis.

Breed	N sires	N Progeny	BWT	GL	200-day	400-day	600-day	N years
Angus	21	487	1.43	-7.51	42.82	81.14	101.85	8
Hereford	74	1813	1.85	-2.74	34.64	61.38	82.41	8
Shorthorn	4	86	0.19	-3.39	24.22	33.32	44.96	4
Simmental	10	366	1.51	-4.42	-	-	119.15	6

Table 2. Regression coefficients for estimated breeding values regressed on phenotypic records for Angus, Hereford, Shorthorn and Simmental sires for birthweight, gestation length, 200-, 400- and 600-day weight.

Breed	Birthweight		Gestation length		200-day		400-day		600-day	
	Intercept	Slope	Intercept	Slope	Intercept	Slope	Intercept	Slope	Intercept	Slope
Angus	34.95	0.64	282.41	0.51	143.58	0.54	244.55	0.29	383.92	0.28
Hereford	36.99	0.63	283.24	0.54	160.33	0.15	292.66	-0.46	416.47	-0.05
Shorthorn	39.67	1.09	284.52	0.70	212.43	-1.64	349.62	-2.13	436.11	-0.46
Simmental	38.89	0.44	286.91	0.95					370.83	0.45