

Country

Finland

Trait category:

Individual trait(s):

Growth & beef

Liveweight

Daily gain

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FINLAND

Growth & beef traits	a) b)	Liveweight Daily gain
Breed(s)	a,b)	Ayrshire, Friesian, Finncattle
Trait definition and unit(s) of measuring	a) b)	Live weight is calculated on the base of body depth collected in milk recording system (in kilograms) Daily gain between 210 and 365 days (in grams per day)
Type of recording and evaluation	a) b)	Progeny test (female) in the first 3 lactations in 4 months after calving Own performance at test station
Time period for data inclusion	a) b)	Since 1978 Since 1977
Genetic parameters	a) b)	$h^2_{\text{live weight}} = 0.40$, $t = 0.60$ $h^2_{\text{daily gain}} = 0.40$
Sire categories	a) b)	AI-bulls All
Environmental effect by pre-adjustment by evaluation model	a,b) a) b)	None Age of calving x lactation number, season of calving x year, herd x period of five years x lactation group, herd x year x lactation group, permanent environment Birth year x birth month, testing station, breed
Base for age adjustment	a,b)	None
Method (model) of genetic evaluation	a,b)	ST BLUP AM
Evaluation system validation	a) b)	Data quality control, genetic trend estimation Data quality control
Expression of proof	a,b)	EBV with $M = 100$ and $SD = 10$
Genetic (reference) base	a) b)	Yearly rolling by breed, bulls born 7-9 years before current evaluation Tested bull born in the latest nine years by breed
Criteria for official publication of sire proofs	a) b)	$REL \geq 70$ Accepted to AI-service
Number of evaluations/publications per year	a) b)	Two; January, June About twice a month
Use in total merit index	a,b)	No
Key reference on methodology applied	a,b)	Internet home page: http://www.mloy.fi