

FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR GROWTH AND BEEF PRODUCTION TRAITS

COUNTRY: SWEDEN

Breed(s):	Swedish Friesian, Swedish Red and White
Trait definition and unit(s) of measurement	Growth rate (g/day)
Type of evaluation	Performance test at stations
Time period for data inclusion	Tests since 1970
Animal groups considered	3 -11 months of age
Genetic parameters assumed	h^2 : 0.40
Sire categories evaluated	AI sires
Environmental effects considered by pre-adjustment	Month of birth
by evaluation model	Birth year*season*station, breed
Base for age adjustment	-
Use of genetic groups and/or relationship	Relationship matrix
Method of evaluation	BLUP MGS model
Expression of proof	RBV
Genetic (reference) base	Rolling, average RBV of the four last years of tested bulls
Criteria for official publication of sire proofs	Bulls must reach one year of age
Number of evaluations/publications per year	One evaluation per month, published twice a year
Use of total merit index	Included in total merit index
Name, address and faxnumber of organization responsible for sire evaluation and publication	Swedish Association for Livestock Breeding and Production Hållsta S-631 84 Eskilstuna, Sweden Fax: +46 16 21216
Key references on methodology applied	Henningson, T. 1985. Performance testing for beef production traits in Swedish dual purpose and beef cattle. Report 64, SLU, Uppsala