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

COUNTRY: GERMANY

Breed(s):	[I] BAVARIA: Fleckvieh, Braunvieh, Gelbvieh, Blonde d'Aquitaine [II] BADEN-WÜRTTEMBERG: Fleckvieh, Braunvieh, Vorderwälder
Trait definition and unit(s) of measurement	Daily gain (g), net daily gain (g), meat content (%), cutting out (%), carcass quality (EUROP system), muscularity score (Pts.)
Type of evaluation	Performance and progeny test on field (and controlled field) and station
Time period for data inclusion	[I] Since 1980
Animal groups considered	[I] Calves and slaughter bulls 14-20 mo. [II] Performance test station: 120-350 days; progeny/performance test field: 420 days; progeny test controlled field: 30-500 days
Genetic parameters assumed	h²: 0.1-0.4
Sire categories evaluated	[I] AI sires [II] AI and NS sires
Environmental effects considered by pre-adjustment by evaluation model	[I] Age; [II] Age and weight [I] Contemporary groups; [II] Season, farm, group, year
Base for age adjustment	[II] Station: 11½ mo; Controlled field: 16½ mo.
Use of genetic groups and/or relationship	[I] No [II] Sire relationship
Method of evaluation	BLUP SM and CC
Expression of proof	EBV and Index (mean=100;SD=10)
Genetic (reference) base	[I] Fixed, birth year of sire 80-82 [II] Fixed, birth year of sire 82-84
Criteria for official publication of sire proofs	[I] Rpt ≥ 0.25
Number of evaluations/ publications per year	[I] Four [II] Thirteen
Use of total merit index	Beef index
Name, address and faxnumber of organization responsible for sire evaluation and publication	[I] Landeskuratorium der Erzeugerringe, Bayern e.V. 8000 München, Haydnstrasse 11 [II] Ministerium Ländlicher Raum (MLR) Kernerplatz 10 D-7000 Stuttgart
Key references on methodology applied	[I] Averdunk, G. 1988 SD 852 BLT GRUB; Schild, H.J. 1988 Proc. 3rd Worl Congress in Paris, p 362-365 [II] Wenzler 1980, Thesis, Hohenheim; Werkmeister 1991, Polycopy, MLR, Stuttgart