

# FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR NON-PRODUCTION TRAITS

## COUNTRY: SLOVENIA

Trait(s):	<u>REPRODUCTION</u> a) Female fertility b) Calving performance <u>MILKABILITY</u> c) Milking speed d) Udder conformation <u>OTHER</u> e) Other body conformation traits
Breed(s):	Simmental, Brown breed, Black and White
Trait definition and unit(s) of measurement	a) CI between first and second calving b) Calving as normal or difficult (0,1) c) Points, 1=slow, 2=normal, 3=fast d,e) Several conformation traits scored (1-9)
Method of measuring and collecting data	a) Milk recording b-e) Linear scoring
Time period for data inclusion	a) Since 1982 b-e) Since 1987
Age groups considered	First lactation
Genetic parameters assumed	a,b) $h^2$ : 0.05 c-e) $h^2$ : 0.10
Sire categories evaluated	AI bulls
Environmental effects considered by pre-adjustment  by evaluation model	a) Age  a) Herd level class*season*year*region, sire group b) Season*year*estimator*sex of calf*age at first calving, sire group c-e) Region*year*season*time from calving to measurement*age at first calving, sire group
Base for age adjustment	a) 27 mo for Simmental and Black and White, 29 for Brown breed
Use of genetic groups and/or relationship	Genetic groups (birth year of bull and pedigree)
Method of evaluation	ST BLUP SM
Expression of proof	EBV standardized to mean=100 and SD=12
Genetic (reference) base	a) Fixed base, average of bulls born 1980-1982 b-e) Rolling base, average of all genetic groups
Criteria for official publication of sire proofs	a,b) 50 daughters c-e) 30 daughters
Number of evaluations/publications per year	One
Use in total merit index	Yes

# FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR NON-PRODUCTION TRAITS

## COUNTRY: SLOVENIA

Name, address and faxnumber of organization responsible for sire evaluation and publication	Janez Pogačar, Ph.D., associate professor University of Ljubljana Biotechnical Faculty, Zootechnical Department, Groblje 3, 61230 Domžale, Slovenia Tel: +38 61 713 611 Fax: +38 61 721 005
Key references on methodology applied	a,c-e) Pogačar, J. 1989. Sire evaluation in Slovenia. b) Pogačar, J., Stepec, M. 1991. Sire breeding evaluation for difficult calving. 42 <sup>nd</sup> EAAP meeting, Berlin .