FACTS ON APPLIED SIRE-EVALUATION PROCEDURES FOR DAIRY PRODUCTION TRAITS

COUNTRY	YUGOSLAVIA (SLOVENIA)
Breed(s)	Simmental, Brown breed, Black and White
Traits evaluated and units of measurement	Milk and fat (kg), fat %
Number of lactations	1
Genetic parameters applied	$h^2 = 0.25$ (all traits)
Inclusion and extension of records	Acc. yield 200 - 305 days
Sire categories evaluated	Only AI
Effects considered	
by preadjustments	Age (H), calving interval (CI)
by model of evaluation	Herd level class - season - year - region, group of sires
Base for age adjustment	27 month (mean age)
Use of genetic groups/ relationships/pedigree	Year, pedigree
Method of evaluation used	Single trait BLUP
Expression of genetic merit	BV (kg, %) and RBV (% of mean, kg)
Genetic base, kind/definition	Rolling, Average BV of all **bulls** of last year-period of test = 0
Minimum requirements for official publication of sire proofs	10 daughters
Use of selection index or total merit index	No
Name and address of organization responsible for sire evaluations and publishing of results	Zootechnical department Biotechnical faculty Groblje 3 YU-61230 DOMZALE
Key references on methodology applied	

Country: Slovenia

Number of tested AI bulls, means and standard deviations of proofs by year

Year of first proof	No. of bulls	Breeding value					
		Milk kg		Fat %		Fat kg	
		$\bar{x}$	S.D.	$\bar{x}$	S.D.	$\bar{x}$	S.D.
Breed: Simmental							
1984	14	0	200	0	7.8	0	0.18
Breed: Brown breed							
1984	11	0	240	0	8.4	0	0.13
Breed: Black and White							
1984	9	0	410	0	12.8	0	0.11

Country: Slovenia

Average phenotypic levels of (adjusted) production records included in the sire evaluation procedures

Year of calving	Traits		
	Milk kg	Fat kg	Fat %
Breed: Simmental			
1982	3148	121	3.82
83	3074	119	3.83
84	3139	120	3.84
Breed: Brown breed			
1982	3483	132	3.78
83	3312	125	3.77
84	3377	127	3.75
Breed: Black and White			
1982	4807	179	3.74
83	4622	172	3.75
84	4762	176	3.72