FACTS ON APPLIED SIRE-EVALUATION PROCEDURES FOR DAIRY PRODUCTION TRAITS

COUNTRY	POLAND
Breed(s)	
Traits evaluated and units of measurement	Milk and fat (kg), Fat %
Number of lactations	1
Genetic parameters applied	h^2 milk, fat yield = 0.25 h^2 fat % = 0.60
Inclusion and extension of records	Age at calving 23-40 months Progeny in min. 3 herds Lact. <200 days not included
Sire categories evaluated	All sires
Effects considered	
by preadjustments	
by model of evaluation	Herd-year-season, sire
Base of age adjustment	
Use of genetic groups/ relationships/pedigree	
Method of evaluation used	CC (change to BLUP indicated)
Expression of genetic merit	RBV (% of mean)
Genetic base, kind/definition	Rolling, average of herds (cows) in which bulls were evaluated
Minimum requirements for official publication of sire proofs	10 efficient daughters
Use of selection index or total merit index	No total merit used
Name and address of organization responsible for sire evaluations and publishing of results	Central Animal Breeding Office, Warsaw in cooperation with Institute of Genetics and Animal Breeding Jastrzebiec 05-Mroków, Poland
Key references on methodology applied	

Country: Poland App. 1

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

Year of first proof	No of bulls	RBV (fat, kg)	
		$\bar{x}$	S.D.
Breed: Friesian			
1978	473	99.4	6.8
79	490	99.1	7.6
80	605	98.2	7.5
81	597	99.6	8.0
82	829	100.4	8.3
83	832	99.9	8.2
84	666	99.8	8.5

Country: Poland App. 2

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

Year of production	Traits		
	Milk kg	Fat kg	Fat %
Breed: Friesian			
1978	3090	126	4.07
79	2928	115	3.92
80	3024	98	3.89
81	2714	105	3.87
82	2800	110	3.94
83	2762	107	3.88
84	2841	112	3.92