

**FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR  
PRODUCTION TRAITS**

<b>COUNTRY: HUNGARY</b>	
Breed(s)	Red and White Holstein, Black and White Holstein
Trait(s) evaluated and unit(s) of measurement	Milk(kg), fat (kg, %)
Number of lactations	1
Genetic parameters assumed	$h^2$ : milk = 0.25
Criteria for inclusion and extension of records	Standard lactation 240 - 305 days. Records from culled cows and records in progress are excluded. Age at calving 18 - 36 mo.
Sire categories evaluated	All AI sires
Environmental effects considered by pre-adjustment	Age at calving
by evaluation model	Herd*year*season, breed composition of dam
Base for age adjustment (months)	24 mo.
Use of genetic groups and/or relationships	Bull group by year of birth
Method of evaluation	ST BLUP SM
Expression of proof	PD (kg,%)
Genetic (reference) base	Fixed, average PD of bulls born in 1978
Criteria for official publication of sire proofs	Rpt $\geq$ 60 %
Number of evaluations/publications per year	-
Use of production index	Performance index combining PD for milk, fat (kg,%) and type
Name, address and faxnumber of organization responsible for sire evaluation and publication	Institute for Agricultural Quality Control, Budapest, 1024. Keleti K.u.24. Hungary Fax: 36 1 150 265
Key references on methodology applied	-

COUNTRY: HUNGARY											
Number of AI bulls (NB) tested, means (X) and standard deviations (SD) of proofs (kg) from most recent run, by bull's year of first proof (YP) and breed											
		Milk		Fat		Protein		Fat %		Protein %	
YP	NB	X	SD	X	SD	X	SD	X	SD	X	SD
Breed:		Black and White Holstein									
1981	61	-72		-5.2				-0.02			
1982	65	12		-0.3				0.00			
1983	67	43		0.5				0.00			
1984	55	0		0.0				0.00			
1985	112	135		3.9				0.00			
1986	113	146		4.3				0.01			
1987	67	51		0.5				0.01			

COUNTRY: HUNGARY					
Average of adjusted production records (kg) included in the most recent evaluation run, by daughters' year of production (YP) and breed					
YP	Milk	Fat	Protein	Fat %	Protein %
Breed:	Black and White Holstein				
1984	4417	161		3.66	
1985	4465	163		3.64	
1986	4509	164		3.66	
1987	4563	166		3.66	