FACTS ON APPLIED SIRE-EVALUATION PROCEDURES FOR DAIRY PRODUCTION TRAITS

COUNTRY	SPAIN
Breed(s)	Holstein-Friesian
Traits evaluated and units of measurement	Milk (kg), fat (kg and %)
Number of lactations	All
Genetic parameters applied	$h^2=0.25$ (Milk and fat, kg), $h^2=0.40$ (fat %) $t=0.40$
Inclusion and extension of records	120-305 days in lactation, extension of records between 120-270 to 305
Sire categories evaluated	All
Effects considered	
by preadjustment	None
by model of evaluation	Herd, year, season, lactation, cow, age
Base for age adjustment	-
Use of genetic groups/ relationships/pedigree	All available
Method of evaluation used	Single-trait BLUP, animal repeatability model
Genetic base, kind/definition	Rolling base, average BV of all animals
Minimum requirements for official publication of sire proofs	20 daughters in at least 3 herds
Name and address of organization responsible for sire evaluations and publishing of results	INIA Barrio de Arteaga, no25 Derio - Vizcaya Spain (Basque Community) INIA Associación National FE Ctra. de Andalucía, Km. 23.600 VALDEMORO (Madrid) Spain
Key references on methodology applied	R. Alenda, J.J. Jurado, E. Ugarte. 1987. Genetic evaluation by the animal model. I. Estimation of genetic values in dairy cattle and application of results. EAAP Lisbon

Country: Spain (Basque)

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

Year of calving	Traits	
	Milk kg	Fat %
Breed: Holstein-Friesian		
1982	4887	3.35
83	5033	3.35
84	5237	3.53
85	5063	3.47
86	5064	3.36
87	5225	3.57