

FACTS ON SIRE EVALUATION PROCEDURES APPLIED FOR NON-PRODUCTION TRAITS

COUNTRY: SPAIN

Trait(s):	<u>MILKABILITY</u> a) Udder conformation <u>LOCOMOTION</u> b) Feet and legs <u>OTHER</u> c) Other body conformation traits
Breed(s):	Holstein-Friesian
Trait definition and unit(s) of measurement	a) Fore, rear udder b) Feet and legs c) Seven conformation traits
Method of measuring and collecting data	Official classifiers, linear scoring
Time period for data inclusion	Since 1984
Age groups considered	-
Genetic parameters assumed	h^2 : a) 0.30-0.32; b) 0.13; c) 0.21 - 0.42
Sire categories evaluated	All
Environmental effects considered by pre-adjustment	None
by evaluation model	Herd*classifiers*visit, stage of lactation, lactation*age
Base for age adjustment	
Use of genetic groups and/or relationship	All available relationship
Method of evaluation	ST BLUP AM
Expression of proof	EBV
Genetic (reference) base	Cows born in 1985
Criteria for official publication of sire proofs	20 daughters in 5 herds
Number of evaluations/publications per year	2/2
Use in total merit index	Type-production index (ICO)
Name, address and faxnumber of organization responsible for sire evaluation and publication	<u>Calculation/Publication</u> CONAFE Ctra. de Andalucia Km 23 28340 Valdemoro (Madrid) Fax: 34 1 8951471 <u>Methodology</u> INIA Apartado 8111 28080 Madrid Fax: 34 1 3572293
Key references on methodology applied	