

<b>COUNTRY'S NAME</b>	<b>PORTUGAL</b>
<b>Production traits</b>	<b>Milk and fat</b>
<b>Breed</b>	Holstein Friesian
<b>Trait definition and unit of measurement</b>	Milk and fat yield (kg), Fat content (%)
<b>Criteria for inclusion &amp; extension of records</b>	Age at calving $\geq$ 18 months Lactations extended to 305 days for records in progress (if DIM $\geq$ 210) and finished lactations with a dry date before 305 days.
<b>Time period for data inclusion</b>	Calving since 1980
<b>Sire categories</b>	All sires
<b>Number of lactations included in the evaluation</b>	All lactations used; grouping by lactation number as 1, 2, 3 and $\geq$ 4
<b>Environmental effects: Pre-adjustment</b>	Number of milkings Month of calving Convert all lactations to first lactation equivalent
<b>Base for age pre-adjustment</b>	None
<b>Method (model) of genetic evaluation</b>	ST – R – BLUP – AM
<b>Environmental effects in the genetic evaluation model</b>	Fixed: Herd*year*season (2 seasons) Random: PE
<b>Use of genetic groups</b>	None
<b>Genetic parameters in the evaluation</b>	Yield traits: $h^2=0.25$ , $t=0.45$ Content trait: $h^2=0.40$ , $t=0.50$
<b>System validation</b>	Checks on data quality
<b>Expression of genetic evaluations</b>	EBV (kg)
<b>Genetic (reference) base</b>	None
<b>Next base change</b>	
<b>Criteria for official publication of evaluations</b>	15 daughters in 5 herds, existence of daughters with lactations recorded after 1994 Reliability $\geq$ 50%
<b>Number of evaluations / publications per year</b>	1, December
<b>Use in production / total merit index</b>	None
<b>Anticipated changes in the near future</b>	Inclusion of protein Consideration of genetic groups
<b>Key reference on methodology applied</b>	
<b>Key organization: name, address, phone, fax, e-mail, web site</b>	INIA – Instituto Nacional de Investigação Agrária Direcção de Serviços de Produção e Melhoramento Pecuário Tel: 351 – 1 – 7930580 Fax: 351 – 1 – 7956066 e-mail: <a href="mailto:DSPMP@mail.telepac.pt">DSPMP@mail.telepac.pt</a> Web site: <a href="http://www.inia.min-agricultura.pt/dspmp/dspmp.html">http://www.inia.min-agricultura.pt/dspmp/dspmp.html</a>