

COUNTRY'S NAME	ITALY- BSW												
Production traits	Milk, fat and Protein												
Breed	Brown Swiss												
Trait definition and unit of measurement	305 days lactation yield for milk, fat and protein (kg).												
Criteria for inclusion & extension of records	Records in progress: At least 100 DIM, extended to 305 days. Closed records: At least 240 DIM.												
Time period for data inclusion	Since 1974												
Sire categories	AI, NS, first crop, second crop, young bulls, proven bulls												
Number of lactations included in the evaluation	All												
Environmental effects: Pre-adjustment	Age at calving, geographical area*month of calving;days open												
Base for age pre-adjustment	84 months												
Method (model) of genetic evaluation	ST – R – BLUP – AM												
Environmental effects in the genetic evaluation model	Fixed: Herd-year-season (seasons from 2 to 10 months) Random: PE												
Use of genetic groups	Based on origin, sex, birth year												
Genetic parameters in the evaluation	<table> <tr> <td></td> <td>σ^2_A</td> <td>h²</td> </tr> <tr> <td>Milk :</td> <td>565504</td> <td>.28</td> </tr> <tr> <td>Fat:</td> <td>888</td> <td>.29</td> </tr> <tr> <td>Protein:</td> <td>576</td> <td>.26</td> </tr> </table>		σ^2_A	h ²	Milk :	565504	.28	Fat:	888	.29	Protein:	576	.26
	σ^2_A	h ²											
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System validation	Trend validation Correlation in subsequent runs EBV SD trends												
Expression of genetic evaluations	EBV (kg)												
Genetic (reference) base	Cows born in 1995												
Next base change	2005 (cows born 2000)												
Criteria for official publication of evaluations	15 effective daughters in 5 herds												
Number of evaluations / publications per year	4 (Feb, May, Aug, Nov)												
Use in production / total merit index	ITE: fat : 1 protein : 3 fat% 0,1 prot % 0,4 longevity 0,8 correction of Protein EBV for K-casein : +2,5 for AB +5% for BB												
Anticipated changes in the near future													
Key reference on methodology applied	As last survey												
Key organization: name, address, phone, fax, e-mail, web site	ANARB Loc Ferlina 204, Bussolengo (VR) +39 045 6760111 +39 045 7156655 silvia.ghiroldi@anarb.it (R&D) enrico.santus@anarb.it (Exec. Secretary) www.anarb.it												