

Table 2 presents the date of evaluation as supplied by each country

Estimated genetic parameters and sire standard deviations are shown in APPENDIX I and the corresponding number of common bulls are listed in APPENDIX II.

SCIENTIFIC LITERATURE

The international genetic evaluation procedure is based on international work described in the following scientific publications:

International genetic evaluation computation:

Schaeffer. 1994. J. Dairy Sci. 77:2671-2678
Klei, 1998. Interbull Bulletin 17:3-7

Verification and Genetic trend validation:

Klei et al., 2002. Interbull Bulletin 29:178-182.
Boichard et al., 1995. J. Dairy Sci. 78:431-437

Weighting factors:

Fikse and Banos, 2001. J. Dairy Sci. 84:1759-1767

De-regression:

Sigurdsson and G. Banos. 1995. Acta Agric. Scand. 45:207-219
Jairath et al. 1998. J. Dairy Sci. Vol. 81:550-562

Genetic parameter estimation:

Klei and Weigel, 1998, Interbull Bulletin 17:8-14
Sullivan, 1999. Interbull Bulletin 22:146-148

Post-processing of estimated genetic correlations:

Mark et al., 2003, Interbull Bulletin 30:126-135
Jorjani et al., 2003. J. Dairy Sci. 86:677-679
<https://wiki.interbull.org/public/rG%20procedure?action=print>

Time edits

Weigel and Banos. 1997. J. Dairy Sci. 80:3425-3430

International reliability estimation

Harris and Johnson. 1998. Interbull Bulletin 17:31-36

NEXT ROUTINE INTERNATIONAL EVALUATION

Dates for the next routine evaluation can be found on
<http://www.interbull.org/ib/servicecalendar>.

NEXT TEST INTERNATIONAL EVALUATION

Dates for the next test run can be found on
<http://www.interbull.org/ib/servicecalendar>.

PUBLICATION OF INTERBULL ROUTINE RUN

Results were distributed by the Interbull Centre to designated representatives in each country. The international evaluation file comprised international proofs expressed on the base and unit of each country included in the analysis. Such records readily provide more information on bull performance in various countries, thereby minimizing the need to resort to conversions.

At the same time, all recipients of Interbull results are expected to honor the agreed code of practice, decided by the Interbull Steering Committee, and only publish international evaluations on their own country scale. Evaluations expressed on another country scale are confidential and may only be used internally for research and review purposes.

PUBLICATION OF INTERBULL TEST RUN

Test evaluation results are meant for review purposes only and should not be published.

^LTable 1. National evaluation data considered in the Interbull evaluation for SNP training for clinical mastitis (December Routine Evaluation 2022).
Number of records for clinical mastitis by breed

Country	BSW	GUE	HOL	JER	RDC	SIM
AUS						
BEL						
CAN			5168	259		
CHE	736		781			
CZE						
DEA						
DEU			4809			
DFS						
ESP						
EST						
FRA	408		12920			
FRM						
GBR						
HUN						
IRL						
ISR						
ITA						
JPN						
KOR						
LTU						
LVA						
NLD			2704			
NOR						
NZL						
POL						
PRT						
SVK						
SVN						
URY						
USA			7708	837		
ZAF						
HRV						
CAM						
No. Records	1144		34090	1096		
Pub. Proofs	1074	0	26832	941	0	0

^LAPPENDIX I. Sire standard deviations in diagonal and genetic correlations below diagonal

BSW	cma					
	CHE	FRA				
CHE	11.48					
FRA	0.86	1.03				

HOL	cma					
	CAN	CHE	DEU	FRA	USA	NLD
CAN	7.72					
CHE	0.89	10.99				

DEU	0.89	0.93	9.83			
FRA	0.92	0.95	0.92	1.19		
USA	0.83	0.85	0.88	0.87	2.37	
NLD	0.83	0.93	0.83	0.85	0.82	4.91

 JER cma

	CAN	USA
CAN	8.09	
USA	0.83	2.49

^LAPPENDIX II. Number of common bulls

BSW

 common bulls below diagonal
 common three quarter sib group above diagonal
 CHE FRA

CHE	0	81
FRA	66	0

GUE

 HOL

 common bulls below diagonal
 common three quarter sib group above diagonal
 CAN CHE DEU FRA USA NLD

CAN	0	269	827	908	1291	363
CHE	237	0	280	256	249	155
DEU	645	256	0	1053	829	603
FRA	743	229	774	0	986	581
USA	1452	216	692	798	0	387
NLD	350	144	541	486	352	0

JER

 common bulls below diagonal
 common three quarter sib group above diagonal
 CAN USA

CAN	0	92
USA	85	0

RDC

 SIM
