

APPENDIX II - Format File301 - Parameters EBV and File701- Parameters GEBV

Col	Name	Start	Format	Description	Example
1	rec_type	1	a3	Record type ¹	301
2	brd_eval	5	a3	Breed of evaluation ²	HOL
3	pop	9	a3	Population code ³	USA
4	trt	13	a3	Trait of evaluation ⁴	scs
5	evdate	17	i8	National evaluation date ⁵	20121201
6	herit	26	f8.6	Heritability ⁶	0.12
7	refbase	35	a7	Reference base definition ⁷	H10CB05
8	pgmdef	43	a2	Genetic merit definition ⁸	T-
9	pub_rule	46	a1	Official publication rules ⁹	Y

¹Valid record types:

301 for EBV
701 for GEBV

²Breed codes accepted:

BSW=Brown Swiss type; GUE=Guernsey type; HOL=Holstein-Friesian (Black & White) type; JER=Jersey type; RDC=Red Dairy Cattle type ; SIM=Simmental type.

³Valid population codes: ARG AUS BEL CAN CHE ^aCHR CZE ^bDEA DEU ^cDFS ^dDNR ESP EST FIN FRA ^eFRM ^fFRR GBR HUN IRL ISR ITA JPN LTU LVA NLD NZL POL PRT SVN SVK SWE USA URY ZAF

where: ^aSwiss Red Holstein; ^b Austria+Germany; ^cDenmark + Finland + Sweden; ^dDenmark Red Holstein ^e France Montbeliarde; ^fFrench Pie Rouge

⁴Accepted traits abbreviations:

Production ==> mil = milk;fat =fat; pro = protein

Conformation ==> sta = stature;cwi = chest width;bde = body depth;ang = angularity;ran = rump angle;rwi = rump width; rls = rear-leg set;rlr = rear-leg rear view;fan = foot angle;hde = heel depth/hoof height; fua = fore udder attachment; ruh = rear udder height; ruw = rear udder width; usu = udder support;ude = udder depth;ftp = front teat placement;fl = (front) teat length;rtp = rear teat placement;ous = overall udder score; ofl = overall feet&legs score; ocs = overall conformation score; bcs = body condition score; loc = locomotion

Udder ==> scs = somatic cell; mas = mastitis

Longevity ==> dlo = direct longevity

Calving ==> dce = direct calving ease;mce = maternal calving ease;dsb= direct

stillbirth;msb = maternal stillbirth

Female fertility ==> hco = heifer conception; crc = cow recycling; cc1 = lactating cow's ability to conceive (1); cc2 = lactating cow's ability to conceive (2); int = interval traits)

Workability ==> msp = milking speed; tem = temperament.

⁵ National evaluation dates expressed using the format YYYYMMDD

⁶ Heritability for a specific trait in format f8.6. Should be larger than 0 and smaller than 0,999999

⁷ Reference (genetic) base definition in the country sending information: breed initial (1 char), year established (YY), bull(b) or cow(C) (1 char); birth(B), calving (C) or evaluation (E) (1 char); year of event (use middle year if base on multiple year (YY); for breed initial see breed code in footnote2 (use X If based on multiple breeds): e.g. H00BB95 means a base defined 2000 base on Holstein bulls born in 1995.

⁸ Genetic merit definition consists of a letter and a sign:

Sign: '+' = Higher values are desirable, '-' = Lower values are desirable

B = Breeding value

T = Transmitting ability;

⁹ Allowed characters :

Y=Yes

N=No