

News genomic prediction - NAV routine evaluation

5 July 2016

The latest NAV routine genomic prediction took place as scheduled. NAV carried out genomic prediction for Holstein, RDC and Jersey:

Data used in genomic prediction

Genotypes were extracted from the joint Nordic SNP data base 22nd June 2016. INTERBULL information from April 2016 and national information from 3rd May 2016 run were included in the genomic prediction.

Publication of GEBVs

GEBVs for bulls and females are published monthly. Nordic phenotypic information is updated 4 times a year (February, May, August and November), meaning that Nordic information used in the reference population for genomic prediction is updated 4 times a year. The GEBVs are expressed on the same cow base as in the May evaluation; it means cows born from 03.05.2011 to 03.05.2013.

Official GEBVs for bulls used for AI in Denmark, Finland or Sweden are published at the [NAV Bull Search](#). Foreign bulls registered for AI in Denmark, Sweden or Finland after 3rd May will get GEBVs for all Interbull traits, but it will require a special agreement to get GEBVs for Claw health, Young stock survival, Other diseases and Growth.

Official NAV GEBVs for foreign AI bulls not used for AI in Denmark, Finland and Sweden are published at [NAV's homepage](#). The excel sheet also include GEBVs for bulls used for AI in Denmark, Finland and Sweden. The excel sheet include AI bulls 10 month to 5 years old at the date of publication, and is mainly useful for foreign AI-companies.

Interbull EBVs/GEBVs are published at the [NAV Interbull Search](#). Starting April 2016 NAV does not any longer publish NTM based on GMACE GEBVs, since Interbull regulations do not require member countries calculate total Merit Index based on Interbull GEBVs, and it internationally is not a common practice.

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