

News - NAV routine evaluation

1 December 2009

The latest NAV routine evaluation for yield, fertility, type, udder health, other diseases, calving traits, milk ability, temperament, growth and NTM took place as scheduled. NAV carried out three evaluations per trait group:

Holstein evaluation, including data from: Danish Holstein, Danish Red Holstein, Swedish Holstein, Finnish Holstein, Finnish Ayrshire and Finn Cattle.

Red Dairy Cattle evaluation, including data from: Danish Red, Swedish Red, Finnish Ayrshire, Finnish Holstein and Finn Cattle.

Jersey evaluation, including data from: Danish Jersey and Swedish Jersey (only yield and type).

Extraction dates

Dates for extraction of data from national databases are given in table 1.

Table 1. Dates for extraction of data from the national databases

Trait	Denmark	Finland	Sweden
Yield	28.10.2009	25.10.2009	22.10.2009
Type, milk ability and temperament	06.11.2009	25.10.2009	23.10.2009
Fertility	28.10.2009	25.10.2009	23.10.2009
Udder health and other disease	06.11.2009	25.10.2009	23.10.2009
Calving	06.11.2009	25.10.2009	23.10.2009
Growth	28.10.2009	25.10.2009	01.09.2009

News in relation to NAV genetic evaluation

Growth

We have corrected an error in the weights used in the calculation of the EBV for growth for Jersey. The Swedish growth data is the same as in the October run.

Other traits

No changes

Genetic base

EBVs for bulls and females are expressed on the same cow base. This genetic evaluation included cows born from 01.12.2004 to 01.12.2006 in the genetic base (average 100).

For functional traits, sire models are used and EBVs for cows are not estimated. For functional traits, the genetic base includes bulls, which are sires of present cows – see table 2.

Table 2. Definition of genetic base for cows and bulls

Trait	Genetic base
Yield, type, milk ability and temperament	Cows born 01.12.2004 - 01.12.2006
Fertility, calving, mastitis resistance and resistance against other diseases	Bulls born 01.12.2000 - 01.12.2002

Publication of NTM

A bull gets an official NTM, when the bull has official EBVs for yield, type and mastitis.

NAV – frequency and timing of routine runs

NAV performs 6 evaluations per year for all traits. The NAV evaluations are timed in a way that NAV can deliver updated EBVs to all the international evaluations. In Table 3, the NAV and INTERBULL release dates are shown. Interbull change the timing of international evaluations in the autumn 2010. NAV will discuss changes in timing and frequencies during the winter 2009/10

Table 3. NAV and INTERBULL release dates in 2010. EBVs released at NAV dates in bold will be delivered to international genetic evaluation.

Month	2010	
	NAV	INTERBULL
January	12	12
February		
March	15	
April		6
May	17	
June		
July		
August	17	17
September		
October	15	
November		
December	7	7

You can get more information about the joint Nordic evaluation:

General about Nordic Cattle Genetic Evaluation: www.nordicebv.info

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