

News - NAV routine evaluation
15 July 2007

The latest NAV routine evaluation for yield, fertility, type, udder health, milk ability and temperament traits took place as scheduled. NAV did 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 evaluation, including data from: Danish Red, Swedish Red, Finnish Ayrshire, Finnish Holstein and Finn Cattle

Jersey evaluation, including data from: Danish Jersey

Yield data included in the evaluations was extracted from the national databases the following dates: Denmark 12.6.2007, Finland 3.6.2007 and Sweden 9.6.2007

Type, milk ability and temperament data included in the evaluations was extracted from the national databases the following dates: Denmark 15.6.2007, Finland 3.6.2007 and Sweden 11.6.2007

Fertility data included in the evaluations was extracted from the national databases the following dates: Denmark 12.6.2007, Finland 3.6.2007 and Sweden 3.6.2007

Udder health data included in the evaluations was extracted from the national databases the following dates: Denmark 18.6.2007, Finland 3.6.2007 and Sweden 3.6.2007

News in relation to NAV genetic evaluation

Yield

- No changes

Type

- No changes

Milk ability and temperament

- No changes

Fertility

- No changes

Udder health

- No changes

Genetic base

EBVs for Bulls and females are expressed to the same cow base. At this genetic evaluation include the genetic base (average 100) cows born from 15.07.2002 to 15.07.2004.

For functional traits sire models are used and EBVs for cows are not estimated. For functional traits the genetic base includes bulls, which are sire of present cows – see table 1.

Table 1. Definition of genetic base for cows and bulls

Trait	Genetic base
Yield, type, milkability and temperament	Cows born 15.07.2002 -15.07.2004
Fertility and mastitis resistance	Bulls born 15.07.1998-15.07.2000

NAV – frequency and timing of routine runs

NAV has decided to change the frequency and timing of routine runs as consequence of the changes in timing of the international genetic evaluation at the Interbull centre, which will be introduced in autumn 2007. Currently NAV has 7 evaluations per year for type and yield and 4 per year for all other traits. From 1st January 2008 and onwards NAV will have 6 evaluations per year for all traits. The future NAV evaluations are timed in a way so NAV can deliver updated EBVs to all the international evaluations. In table 2 the current and future NAV and Interbull release dates are shown.

Table 2. NAV and Interbull release dates in 2007 and 2008. EBVs released at NAV dates with bold will be delivered to international genetic evaluation.

Month	2007		2008	
	NAV	Interbull	NAV	INTERBULL
January	15th		15 th	First Tuesday after 11 th
February		2nd Monday		
March	1 st		15th	
April	15th			1st Tuesday
May		2nd Monday	15 th	
June	1 st			
July	15th			
August		2nd Monday	15th	3rd Tuesday
September				
October	15 th		15 th	
November				
December	1st		1st	

You can get more information about the joint Nordic evaluation:

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

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