

News - NAV evaluation

18 April 2023

Genetic evaluation for Purebred Beef animals

The latest genetic evaluation of purebred beef animals took place 18. April 2023. NAV publish EBVs for calving, growth and carcass traits based on phenotypes from purebred beef Angus, Charolais, Simmental, Hereford, and Limousine cattle. Extraction date for the data used in the April evaluation can be found in table 1. Breeding values for pure beef cattle are estimated four times per year (table 2), and EBVs are published at [NAV Beef Search](#).

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

	Denmark	Finland	Sweden
Pure beef cattle	4.4.2023	3.4.2023	30.3.2023

News in relation to NAV pure beef genetic evaluation

No changes in the procedures

Genetic evaluation of pure beef cattle

The latest Nordic Cattle Genetic Evaluation (NAV) official evaluation for calving, growth and carcass traits took place 18 April based on phenotypes from purebred Angus, Charolais, Simmental, Hereford, and Limousine beef cattle.

The genetic base for pure beef animals is based on the same principles for all relative breeding values with a mean of 100 and standard deviation of 10. The selection of animals to form the genetic base includes males and females with birth years 5 to 9 years prior to the publication date and having observations or having at least 5 offspring with observations for one trait in each trait group.

Breeding values for pure beef cattle are estimated four times per year, and EBVs are published at [NAV Beef Search](#).

Interbeef EBVs are published at [NAV Beef Search](#).

NAV – frequency and timing of official runs

NAV has 4 large dairy evaluations per year, which include updated phenotypic and genomic data, and additional eight small runs including updated genotypes. In Table 2 the NAV and INTERBULL release dates for 2023 are shown. The beef evaluation based on beef x dairy crossbreeds take place along with the large NAV dairy runs 4 times a year. The NAV pure beef evaluation has its own time schedule.

Table 2. NAV and INTERBULL release dates in 2023. EBVs released at NAV dates in bold will be delivered to international genetic evaluation.

Month	Dairy Cattle			Beef Cattle	
	NAV Small run ¹⁾	NAV Large runs ²⁾³⁾	INTERBULL	NAV Pure Beef	INTERBEEF
January 2023	3				
February 2023		7			
March 2023	7			7	3
April 2023	4		4	18	
May 2023		2			
June 2023	6			6	
July 2023	4				
August 2023		8	8		
September 2023	5				
October 2023	3				20
November 2023		7		7	
December 2023	5		5		

¹⁾ Genotypes updated; ²⁾ Genotypes and phenotypes updated; ³⁾ Beef x dairy evaluation

You can get more information about the joint Nordic evaluation:

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

Contact person: Gert Pedersen Aamand, Ph.: +45 21717788 gap@seges.dk,

Denmark: www.landbrugsinfo.dk

Contact person: Ulrik Sander Nielsen, Seges Cattle, Ph. +45 29883403, usn@seges.dk

Sweden: www.vxa.se

Contact person: Freddy Fikse, Växa, Ph +46 10 4710615. Genetic.Evaluation@vxa.se

Finland: www.faba.fi

Contact person: Jukka Pösö, Faba co-op, Ph +358-400614035 jukka.poso@faba.fi