

National and Nordic presentation of Nordic breeding values for beef

Communication group

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 Nordisk Avlsværdi Vurdering • Nordic Cattle Genetic Evaluation

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NAV breeding values in Denmark

- Published combined traits from November 2021
 - Herdbook certificates, export certificates and other printouts
 - National search page
- Seminars in nearly all breeds
 - Large changes have given many questions

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Example from search page

HEDETOFT UNITED P, S. 50563

S-
Indeks: 120(97)

Ckr-nr: 80185-00096

Far: MAX

Mf: WLSF CELEBRITY CHIEF

Vækstindeks	112	(99)																	Produktion	115(99)	
Slagteform	113	(99)																	Funktion	117 (94)	
Fødselsindeks	94	(97)																			
Mælk	106	(97)																			
Kælvning	120	(94)																			
Frugtbarhed	95	(97)																			
Krop	128																				
Muskler	125																				
Lemmer	85																			Eksteriør	122 (87)

Tallene i parentes er sikkerheder

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NAV breeding values in Sweden

From November Växa will publish NAV breeding values to:

- **Växa members:** all 29 in MinGård (single traits for HLC and BAQ)
- **Not Växa members:** 14 – equal to the national breeding values that are published today in old systems (KAP besättningsanalys, pedigree certification etc). Ongoing development to be able to publish all 29 breeding values to non members.

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NAV breeding values in Finland

- National EBV's and GEV's published for pure and crossbred (B*B) animals in MyFarm for herds in beef recording
- Big investment from the industry to build genomic breeding values for beef animals
- Two services (wwwSonni & FabaPihvihaku) to search for beef animals from herds which have given permission to publish information of their animals
- NAV pure beef breeding values are not currently published at Faba's services

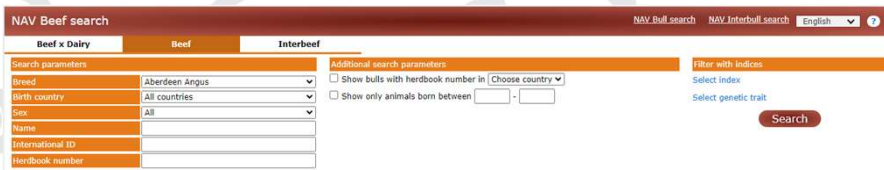
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NAV EBV's for pure beef - publication

- NAV Beef Search: nordic.mloy.fi/NavBeef



- Updated after each publication, four times a year
- All bulls and cows which have official EBV's
- All EBV's, pedigree, basic information, genetic traits

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NAV Beef – animal's own page

NAV Beef search NAV_Bull_search NAV_Interbull_search English

VB PHARMER Beef x Dairy Beef Interbeef PDF Search

Born	06/01/2019	Trait	# Progeny	# Herds	Sire	VB HERO SWE000939401172412	PCS	VB FLEETWOOD SWE000352021267210
Breed	Charolais	Calf survival, direct	169	37	Dam	L.ASTRID AV ASKOME SWE000365392060913	PGD	U.EUROPE AV NORRTOPTA SWE000898402012103
Sex	Bull	Post-weaning gain / Yearling weight	54	21			MGS	VB FERB SWE000209231176910
Breeder	ASKOME CHAROLAIS NP	Carcass conformation score	8	5			MCD	G.ASTRID AV ASKOME SWE000365392053711
Evaluation	Beef						MGDS	HisenbawerS SWE000209231172509
International ID	SWE000365391179019							

Herdbook number

FIN	82025
SWE	73319
DNK	72125

Evaluation published **06.06.2023** Show Reliabilities Previous evaluation

Trait	Current evaluation	70	80	90	100	110	120	130	R
Production	117								
Growth	115								
Daily carcass gain	117								
Yearling weight, direct	111								
Breeding values not in Growth									
Birth weight, direct	80								
Weaning weight gain, direct	109								
Post-weaning gain	122								
Slaughter quality	110								
Carcass fat score	103								
Carcass conformation score	108								

Genetic traits

Only traits derived from genomic test. Results from lab are not included here.

Trait	Code	Result
RP1	RPIF	Free
Polled	POS	Carrier, PP
Ataxia	PAF	Free

More information on Genetic traits

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Introduction to group work

- BAQ and HLA:
 - Decision on weights
 - How to increase number of registrations
- Other breeds:
 - How to increase number of registrations
 - Experiences with Nordic breeding values

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Single and combined traits

- Single traits
 - Daily carcass gain
 - Carcass fat score
 - Ect.
- Combined traits
 - Growth
 - Slaughter quality
 - ect

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Introduction to group work

- Secretaries have questions
- Send answers to Gert

Summary will be made after the meeting and used as:

- Basis for getting more data
- Improving genetic evaluation

If we work together and make the necessary compromises -> gain more genetic progress

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Breed wise group work

Chair, secretary and rooms,

Breed	Room	Chair	NAV Support
Simmental	Gate 6	Cindi Groop, F	Anders
Hereford	Gate 7	Catharina Olsson or David Karlsson, S	Kevin
Angus	Gate 8	Maiju Pesonen, F	Carolina
Charolais	Gate 10	Lennart Nilsson, S	Jukka
Limousine	Gate 11	Jakob Ravn, DK	Freddy
Blonde Aquitaine	Plenum room – gate 22	Tommy Rehn, S	Terhi
Highland Cattle	Plenum room – gate 22	Johanna Ratia, F	Elisenda

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Time to work.....

Bring coffee

But be back 11.20

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