

New features in NAV Beef Search and NAV Trends – Beef

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NAV communication

NAV



Nordisk Avlsværdis Vurdering •

Nordic Cattle Genetic Evaluation

NAV Beef Search

- New search parameters
 - Genomic proven
 - Alive animals

NAV Beef search		
Beef x Dairy	Beef	Interbeef
Search parameters		Additional search parameters
Breed	Aberdeen Angus	☐ Show animals with herdbook number in Choose country
Birth country	All countries	☐ Show only animals born between -
Sex	All	☒ Show only genomic proven animals
Name		☒ Show only alive animals
International ID		
Herdbook number		

Search for genomic proven animals

- Works only for breeds AAN, CHA, HER, LIM, SIM
 - These breeds have genomic evaluation
- ☑ Show only genomic proven animals
 - When this is chosen, the result is list of genomic proven animals

Genomic proven animals: Yes/No

Genomic proven

Yes

- Describes whether the animal's genomic information from its own genotype is included in its breeding values
 - YES = The above applies
 - NO = No genomic information from the animal is included in its breeding values, because
 - The animal has not undergone genomic testing or
 - The animal is not tested within the NAV system or
 - The test result is not available at the data collecting deadline or
 - The genomic test is disqualified due to a low call rate or incorrect pedigree

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Genomic proven animals

- The information is on animal's own page
 - Genomic proven: Yes/No
- NOTE! The information about genetic traits (polled, ataxia, DD etc.) is available for all genotyped animals for all breeds

NAV Beef search

VB Sisu

Born	29/02/2020	Trait
Breed	Aberdeen Angus	Calf survival, c
Sex	Bull	Calf survival, m
Breeder	Sunio Vesa ja Sirpa	Post-weaning gain / Ye
Evaluation	Beef	Carcass conformat
International ID	AANFINM000013328189	
Herdbook number		Genomic proven
FIN	87543	Yes
SWE	700573	
DNK	580018	

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Search for alive animals

 Show only alive animals

- Lists animals that are alive when data was extracted for the latest evaluation
 - Data extraction dates by country can be found in the latest NAV newsletter
- Only a search parameter, the information of animal's status is not presented anywhere
- It is possible to list **only** alive animals 😊

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Number of progeny – new trait

- Animal's own page, the number of progeny in different herds is presented for bulls
- **New trait: Calf survival, maternal**
= The number of calved daughters of the bull

Trait	# Progeny	# Herds
Calf survival, direct	68	20
Calf survival, maternal	5	4
Post-weaning gain / Yearling weight	3	3
Carcass conformation score	11	10

NAV Trends - Beef

- Genetic trends for beef breeds included in NAV purebred beef evaluation
- Genetic trends illustrate genetic progress
 - Genetic progress = Average breeding value per birth year
- Only combination indices
 - Single traits will come later
- Updated after each breeding value evaluation
 - March, April, June, November
- nordic.mloy.fi/NAV Trends/beef/

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Nordic Cattle Genetic Evaluation

Search parameters

BreedCharolais

Country☒ DFS☐ Denmark☐ Finland☐ Sweden

Calculations based on the evaluation published 03.06.2025

Download graph

Show data table

Trait

☒ Production

☒ Growth

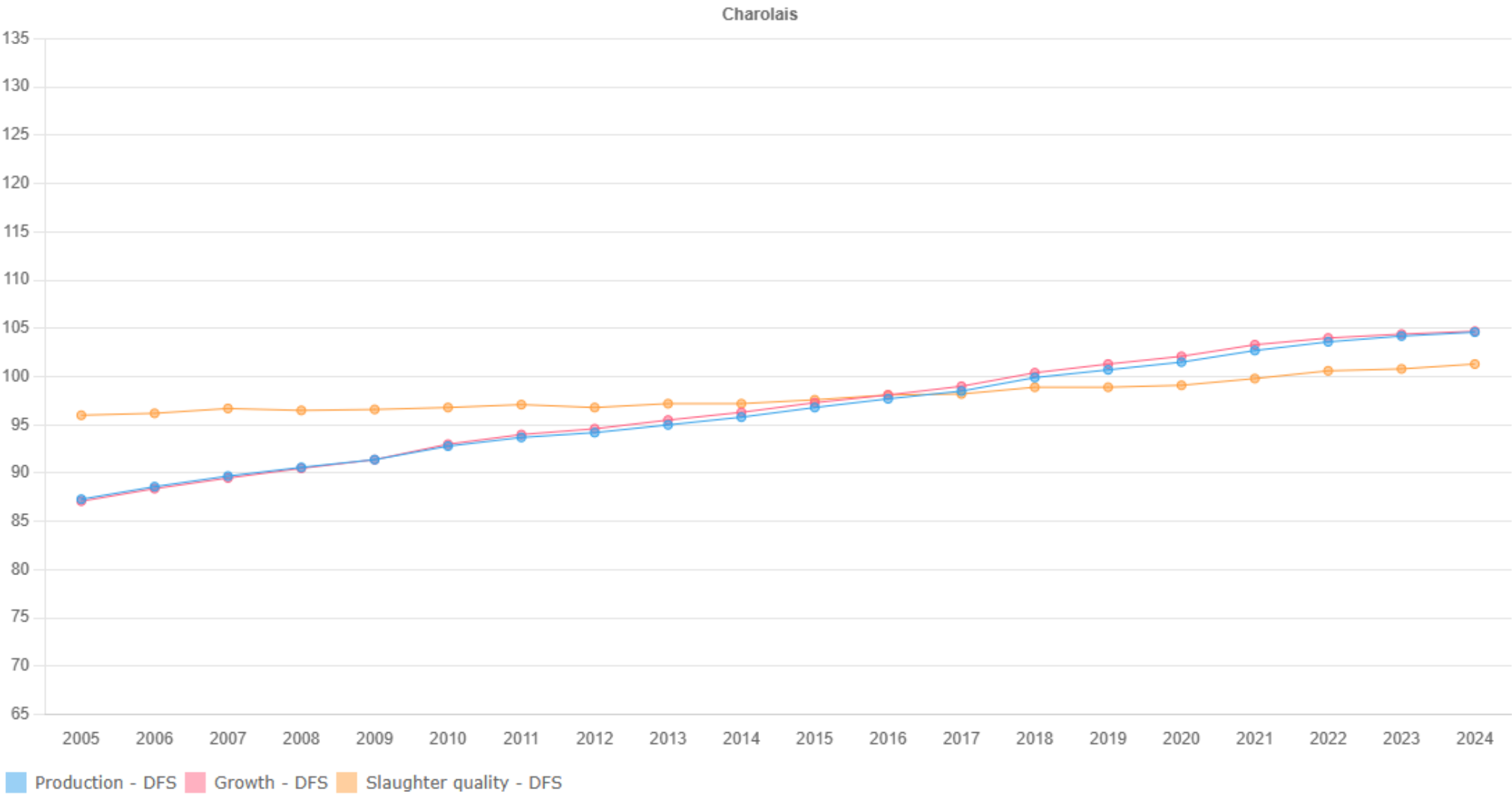
☒ Slaughter quality

☐ Dam

☐ Calving

☐ Milk

☐ Birth



Search parameters

Breed **Charolais**

Country ☒ DFS ☐ Denmark ☐ Finland ☐ Sweden

1. Choose breed!

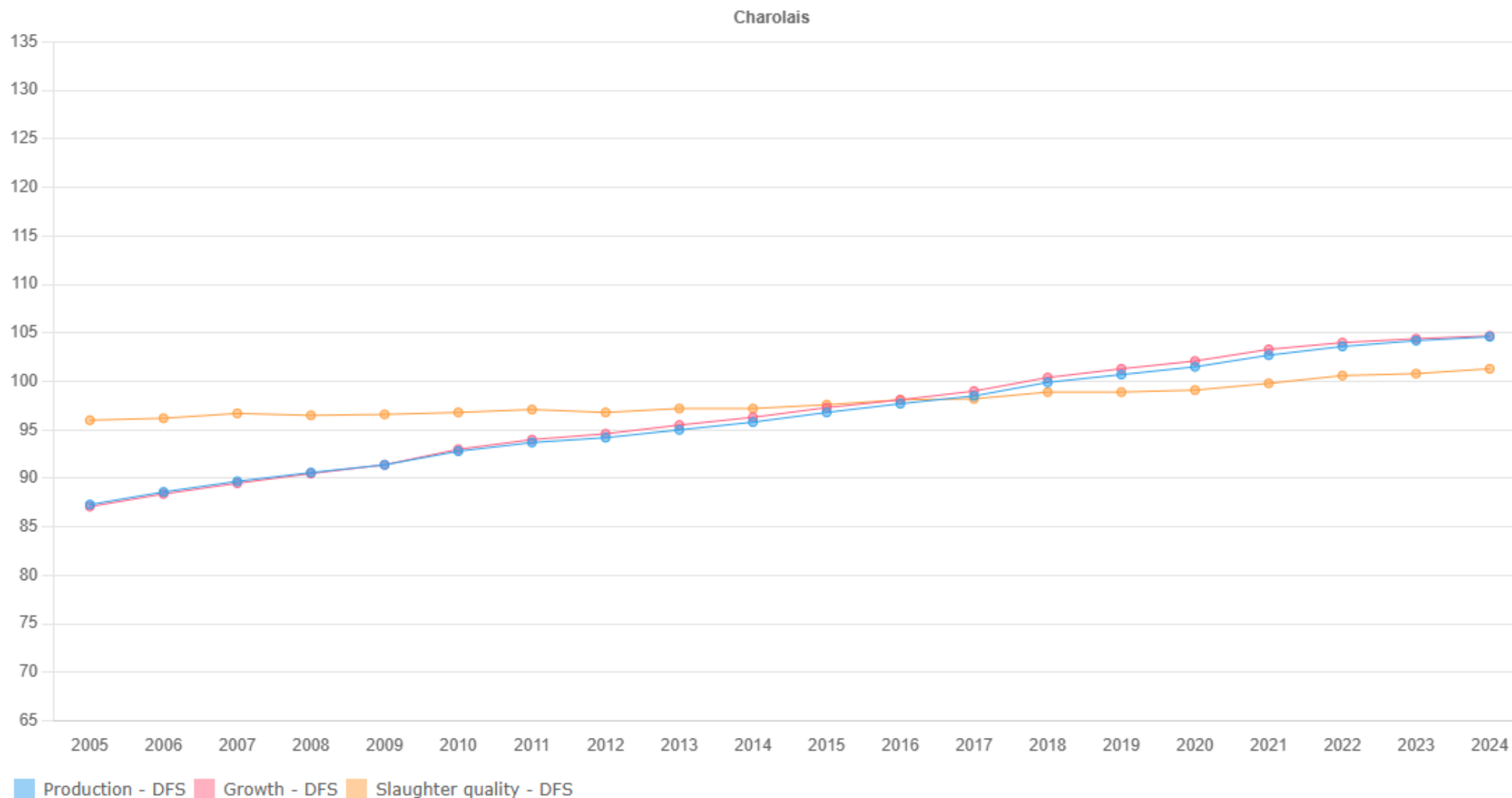
Calculations based on the evaluation published **03.06.2025**

Download graph

Show data table

Trait

- ☒ Production
- ☒ Growth
- ☒ Slaughter quality
- ☐ Dam
- ☐ Calving
- ☐ Milk
- ☐ Birth



Search parameters

Breed Charolais

Country ☒ DFS ☐ Denmark ☐ Finland ☐ Sweden

Calculations based on the evaluation published **03.06.2025**

Trait

☒ Production

☒ Growth

☒ Slaughter quality

☐ Dam

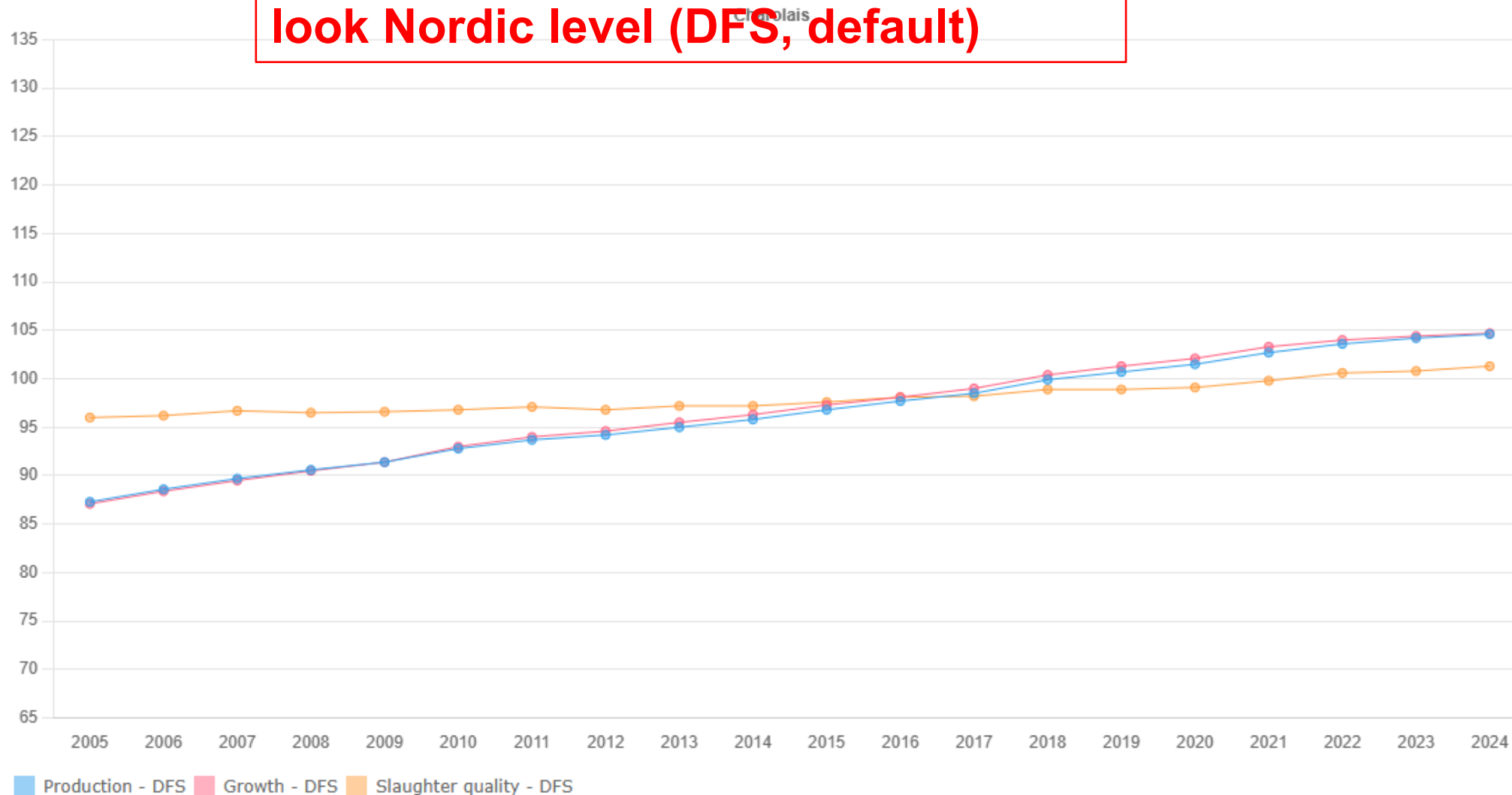
☐ Calving

☐ Milk

☐ Birth

1. Choose breed!

2. Choose country or countries or look Nordic level (DFS, default)

[Download graph](#)[Show data table](#)

Search parameters

Breed Charolais

Country ☒ DFS ☐ Denmark ☐ Finland ☐ Sweden

Calculations based on the evaluation published 03.06.2025

Download graph

Show data table

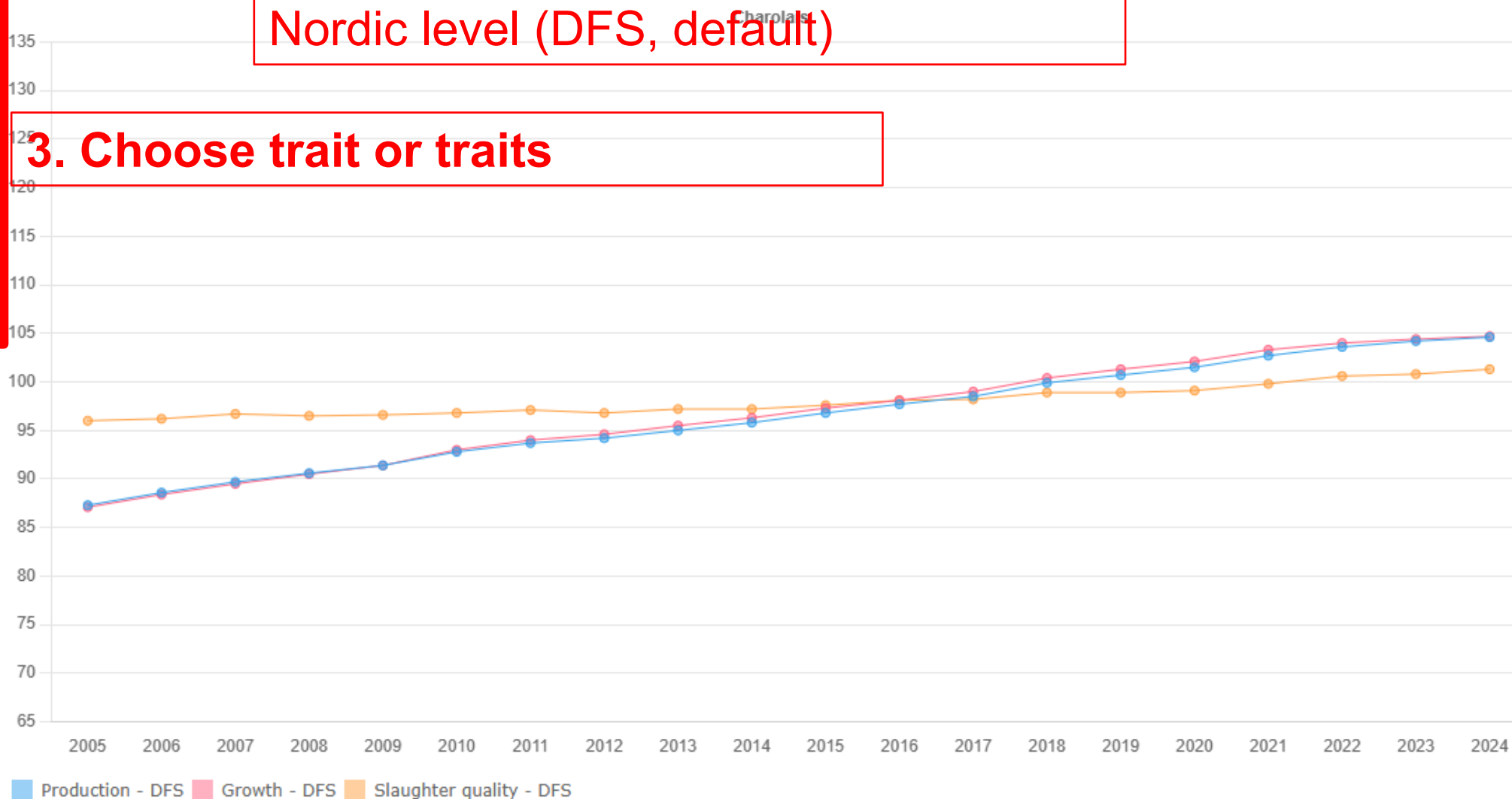
Trait

- ☒ Production
- ☒ Growth
- ☒ Slaughter quality
- ☐ Dam
- ☐ Calving
- ☐ Milk
- ☐ Birth

1. Choose breed!

2. Choose country or countries or look Nordic level (DFS, default)

3. Choose trait or traits



Search parameters

Breed

Charolais

Country

☒ DFS☐ Denmark☐ Finland☐ Sweden

Calculations based on the evaluation published 03.06.2025

Trait

☒ Production

☒ Growth

☒ Slaughter quality

☐ Dam

☐ Calving

☐ Milk

☐ Birth

Charolais					
Year	Breed	Country	Animal count	Trait	Average
2005	CHA	DFS	8841	Growth	87.1
2005	CHA	DFS	8841	Production	87.3
2005	CHA	DFS	8841	Slaughter quality	96
2006	CHA	DFS	8773	Growth	88.4
2006	CHA	DFS	8773	Production	88.6
2006	CHA	DFS	8773	Slaughter quality	96.2
2007	CHA	DFS	8666	Growth	89.5
2007	CHA	DFS	8666	Production	89.7
2007	CHA	DFS	8666	Slaughter quality	96.7
2008	CHA	DFS	8692	Growth	90.5
2008	CHA	DFS	8692	Production	90.6
2008	CHA	DFS	8692	Slaughter quality	96.5
2009	CHA	DFS	8343	Growth	91.4
2009	CHA	DFS	8343	Production	91.4
2009	CHA	DFS	8343	Slaughter quality	96.6
2010	CHA	DFS	7944	Growth	93
2010	CHA	DFS	7944	Production	92.8
2010	CHA	DFS	7944	Slaughter quality	96.8
2011	CHA	DFS	7575	Growth	94

Download graph to get the trend picture in to a file

Show data table to see the data behind the trend line. The data can be downloaded to Excel too.

Download graph

Show data table

Thank you!

