

RZ



For well balanced cows with:

- steady health
- excellent production performance
- balanced conformation



**The whole cow at a glance –
over generations**

**RZ MADE IN
GERMANY.**

Breeding Made in Germany

Unique data quality

- 90 % of the German Holsteins participate in the official milk recording scheme according to ICAR standards
- ICAR and ISO certified breeding value estimation by independent data center vit
- genomic selection based on a mixed learning sample of more than 43,000 bulls and 225,000 cows

The RZG guarantees

- Highest reliability due to excellent data quality
- Adapted to a wide variety of climates and farming systems

RZG is the key to health and performance of dairy herds worldwide.



Health (RZhealth)

- Selecting with health traits against economically important diseases in dairy cattle farming
- Lower veterinary costs
- Less performance reductions due to health issues

18 %

Longevity (RZN)

- For a long and productive life
- Reduced replacement rate
- Spreads the rearing costs over more lactations

18 %

Milk yield (RZM)

- Highly productive cows with reliable production performance
- Fat to protein ratio of 40 % to 60 %

36 %

RZG

- The total merit index includes conformation for a more functional herd
- **NEW:** with 49 % health traits, reproduction and longevity for more animal welfare and profitability.

15 %

Conformation
(20 % body, 35 % feet and legs and 45 % udder)

- Firm and easy to milk udders
- Excellent feet and legs for barn and pasture
- Balanced body traits

7 %

Daughter fertility (RZR)

- Decreases A.I. costs
- Enables optimal age at first calving

3 %

Calf fitness (RZcalfhealth)

- Healthy and vital young stock
- Minimizing rearing costs

3 %

Calving traits
(1,5 % RZKm and 1,5 % RZKd)

- Lower stillbirth rates
- Easier calvings and less birth injuries



Use the potential in your cow's genes!

German Holstein breeding is known for quality and innovation for more than 140 years setting standards worldwide. The well-known abbreviation **RZ** for Relative Breeding Values is also known for breeding quality made in Germany.

We would be happy to outline the great benefits of the RZG.

Good to know:

Using herd genotyping offers you a precise tool to select on RZG basis for your herd.

GERMAN LIVESTOCK
ASSOCIATION

Bundesverband Rind und Schwein e.V. (BRS)

Adenauerallee 174 | 53113 Bonn, Germany

Phone: +49 228 91447-0

info@richtigzuechten.de | holstein@rind-schwein.de

www.rz-germanholsteins.com



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GGI-SPERMEX GmbH

Am Osterfeld 14 | 49661 Cloppenburg-Bethen, Germany

Phone: +49 4471-91740 | Fax: +49 4471-917474

info@ggi-spermex.de | www.ggi-spermex.de