

# DANBRED

A photograph of a brown pig with yellow and white ear tags standing in front of a red plastic barrier. A person in a black shirt is standing behind the barrier, holding it. The pig is looking towards the camera. The background shows a metal cage or stall.

## DanBred Duroc

ENGLISH

COMPETITIVE TERMINAL SIRE

## DanBred Duroc

**DanBred Duroc makes your business highly competitive, giving you more pork for less costs.**

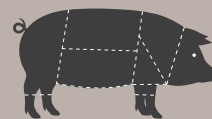
DanBred Duroc is used as the terminal sire in the DanBred crossbreeding system for production of DanBred finishers. DanBred Duroc contributes to large litters as well as fast-growing finishers with low feed conversion ratio and a high lean meat percentage. Furthermore, DanBred Duroc produces carcasses with an excellent meat quality, as the breed has been genetically improved through decades of targeted selection, especially in relation to lean meat percentage and slaughter loss – which also corresponds to the growing slaughter weight globally.

When DanBred Duroc is used as the terminal sire, our customers not only get more pork for less costs, but they also get high-quality pork, which is in high demand all over the world. DanBred Duroc's effective genetics are profitable for the pig producer and also contribute to reducing the carbon footprint from the pig production.





DanBred Duroc is the world's most profitable and environmentally efficient terminal boar line



DanBred Duroc is ongoingly selected for high lean meat percentage, matching the trend for increasingly heavier finishers



DanBred Duroc progeny are easy to handle and highly social, leading to higher animal welfare



DanBred Duroc progeny have superior daily gain from birth to slaughter and the best feed efficiency



DanBred Duroc finisher carcasses have exceptional meat quality: pH, colour and IMF



DanBred Duroc progeny are robust and have uniform growth rates from birth to slaughter



DanBred Duroc produce litters with high survival rates and vigorous piglets



## 30 YEARS OF DOCUMENTATION

# Average performance results

At DanBred's boar testing station Bøgildgård, the feed efficiency of the future AI boars is tested. Bøgildgård has more than 30 years of experience collecting data on boar feed efficiency, which is tracked individually. The highest performing boars with optimum feed efficiency and index are sent to AI, where they father the finishers of the future.

In total around 100,000 DanBred breeding animals are performance tested, and since 2019, 25 % more boars have been tested at Bøgildgård. It is expected that the increased number of tested animals will result in a 10 % increase in genetic progress for feed efficiency in the coming years.

	Average production for DanBred boar testing station Bøgildgård	Average production results achieved by DanBred boars in Nucleus herds	Average production results achieved by DanBred gilts in Nucleus herds
Daily gain, g/day, 30 kg – slaughter	<b>1207</b>	<b>1269</b>	<b>1195</b>
Daily gain, g/day, birth – 30 kg	-	<b>408</b>	<b>411</b>
Feed conversion, kg feed/kg gain, 30 kg – slaughter	<b>1.94</b>	-	-
Lean meat percentage	<b>62.5</b>	<b>61.9</b>	<b>62.2</b>
Killing out percentage	<b>25.5</b>	-	-
Scanning measurement, mm	<b>6.0</b>	<b>6.8</b>	<b>6.4</b>
Scanning weight, kg	<b>96.9</b>	<b>97.0</b>	<b>97.0</b>

**DanBred Duroc D(LY) progeny:**

- are stronger and more robust
- are born in large and uniform litters
- are more calm

**DanBred D(LY) finishers have excellent performance results:**

- World class growth rates, daily gain: 1079-1093 g
- Superior feed conversion ratio: 2.16 kg feed/kg gain
- Eminent lean meat percentage: 61.8 %

**DanBred D(LY) finishers have superior meat quality:**

- High content of intramuscular fat: 2.57 %
- High level of pH 24–96 h post mortem: 5.72
- High sensory evaluation of juiciness, tenderness and flavour

**Bonus information:**

Research indicates that since the RN and Halothane genes have been removed from the DanBred breeds decades ago, pH no longer influences production yield, which is why pH is no longer part of the DanBred breeding goals.



  
**DANBRED**  
YOUR BUSINESS. OUR DNA.

## SUSTAINABLE BREEDING

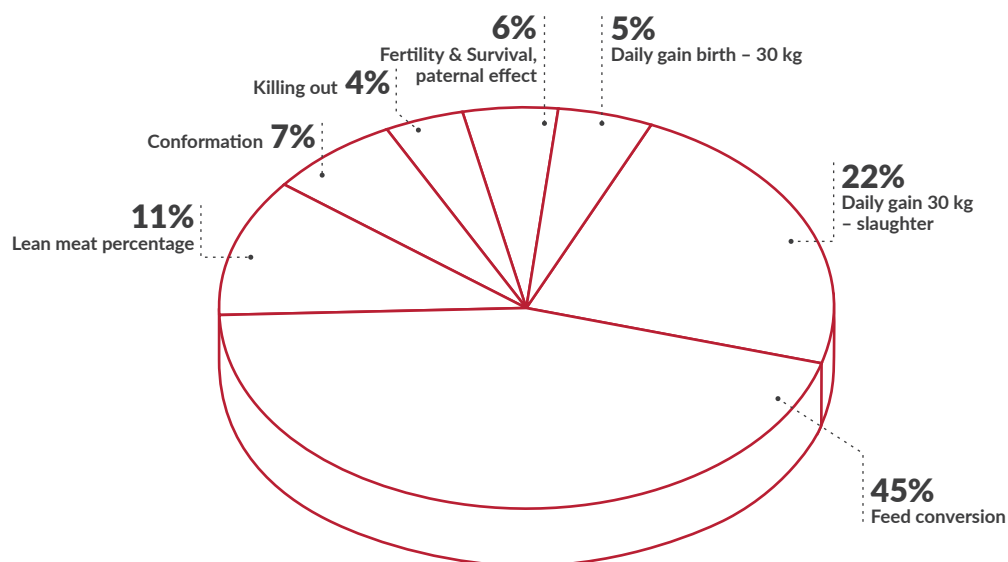
# Breeding goal

**DanBred Duroc originates from North America, and the race was imported to Denmark in the 1970s. Through decades of professional selection, the breed has been genetically improved particularly in regard to meat percentage and slaughter loss.**

The DanBred Duroc breeding goal has been revised in early 2020 with new trait 'Fertility & Survival, paternal effect' replacing the trait 'Male fertility'. According to simulations from DanBred R&D – the Danish Pig Research Centre – this change will lead to an immediate improvement in piglet survival at production level.

When piglets survive the first five days, chances of the them making it all the way to slaughter increase markedly. Therefore, going forward, the focus of the DanBred Duroc breeding goal will not only be on increased litter size, but also on increased survival, due to the AI boar's effect on living piglets on day 5/litter.

DanBred's breeding goals are long-term goals, and this latest revision ensures that the genetic gain in DanBred Duroc reflects the future needs of pig production, thus maximizing profits and creating a high return on investment in production herds using DanBred genetics.



**DanBred Duroc  
2020 – present**

# Your business. Our DNA.

DanBred is one of the world's leading international pig breeding companies supplying genetics and service solutions.

DanBred has highly reliable breeding data and is the first pig breeding company in the world to use genomic information from all breeding candidates when calculating breeding index, which amounts to more than 100,000 animals per year.

DanBred sets long-term, balanced breeding goals, which are revised regularly. This ensures that the genetic progress for the DanBred Duroc, DanBred Landrace and DanBred Yorkshire breeds delivers maximum profit and creates a sustainable high investment return for our customers. See our breeding goals at [www.danbred.com](http://www.danbred.com).

Well-documented genetics and comprehensive service solutions are the foundation of DanBred. This has made DanBred the first choice for leading pig producers all over the world who expect optimal, predictable business results.

DanBred P/S is owned by the Danish Agriculture and Food Council, Danish Agro and the former DanBred International A/S (now Holdingselskabet DBI A/S).