DANBRED

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

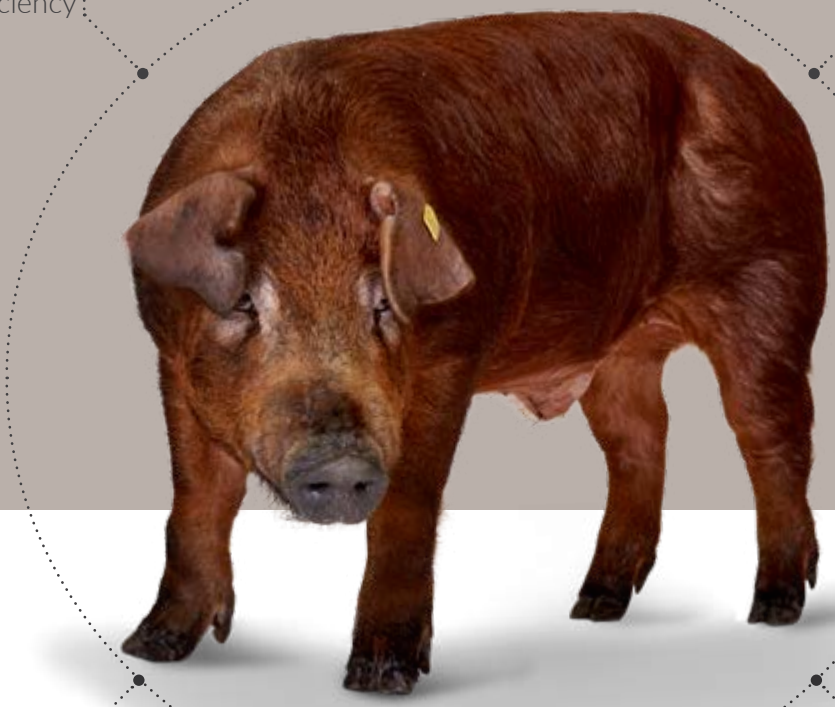
DanBred Duroc is ongoingly selected for high lean meat percentage, matching the trend for increasingly heavier finishers

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

★★★ GOOD MEAT QUALITY

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

Superior performance results

DanBred carries out performance testing of the future AI boars both at the DanBred boar testing station Bøgildgård, and in DanBred's nucleus herds, and we openly share this updated data every year. With more than 30 years of experience collecting data on boar production traits and feed efficiency, DanBred can select the best genes, and only the highest performing boars with optimum index are sent to AI, where they father the pigs of the future.

In the table below, you can find the latest performance data for DanBred Duroc from the year 2020, which, among other achievements, documents increases in daily gain and improvements in feed efficiency, further contributing to both the sustainability and profitability of the DanBred breeding animals.

2022	Average production results for DanBred boar testing station, Bøgildgård	Average production results for DanBred boars in nucleus herds	Average production results for DanBred gilts in nucleus herds
Daily gain, g/day, 30 kg – slaughter	**1271**	**1338**	**1229**
Daily gain, g/day, birth – 30 kg	**-**	**396**	**397**
Feed conversion, kg feed/kg gain, 30 kg – slaughter	**1.82**	**-**	**-**
Lean meat percentage	**63**	**62.19**	**62.6**
Killing out percentage	**25.94**	**-**	**-**
Scanning measurement, mm	**5.9**	**6.8**	**6.4**
Scanning weight, kg	**101.5**	**101.1**	**101.2**

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: 1,128 g
- Superior feed efficiency: 2.27 kg feed/kg gain
- Eminent lean meat percentage: 62.5 %

DanBred D(LY) finishers have superior meat quality:

- High content of intramuscular fat
- High level of pH 24–96 h post mortem
- 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.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SUSTAINABLE BREEDING

Breeding goal

DanBred Duroc originates from North America; 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 is revised regularly. In 2022, two new traits were implemented in the breeding goal to ensure an even larger focus on robustness and increased piglet survival: boar effect on litter size and direct effect on piglet survival.

A few years back, the new trait 'Fertility & Survival, paternal effect' replaced the trait 'Male fertility', which was also a step towards improving piglet survival at production level.

DanBred's breeding goals are long-term goals, and regular revisions ensure that the genetic gain in DanBred Duroc reflects the future needs of pig production, thus, maximising profits and creating a high return on investment in all production herds using DanBred genetics.

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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.

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).

DanBred P/S

Head Office
Borupvang 5D
2750 Ballerup
Denmark

Branch Office
Drejervej 7
6600 Vejen
Denmark

Call +45 38 41 01 41 or visit danbred.com

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