

# DANBRED

A woman with long brown hair, wearing a dark t-shirt and black overalls with orange tool pockets, is leaning over a metal railing in a pig farm. She is holding a small, pink piglet. In the background, other pigs are visible in their pens, and the farm's infrastructure, including metal railings and pipes, is visible.

## DanBred Hybrid



PROLIFIC PRODUCTION HYBRID

# DanBred Hybrid

**The most prolific hybrid for production of optimal finishers.**

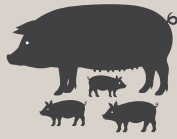
DanBred Hybrid is a first cross between DanBred Landrace and DanBred Yorkshire. It is the optimal dam line and ensures high efficiency in the production by combining the best traits.

DanBred Hybrid is docile and has excellent mothering abilities as well as good longevity. The breed produces large viable litters of robust pigs that grow fast and have a high feed efficiency all the way to slaughter. When crossed with the DanBred Duroc, the offspring will inherit all these traits as well as excellent meat quality. And the results is world-class finishers.

## Highly competitive finisher pigs in production herds

- Daily gain: 1,128 g
- Feed efficiency: 2.27 kg feed per kg gain
- Lean meat: 62.5 %





DanBred Hybrid  
has great  
mothering  
abilities and is  
docile



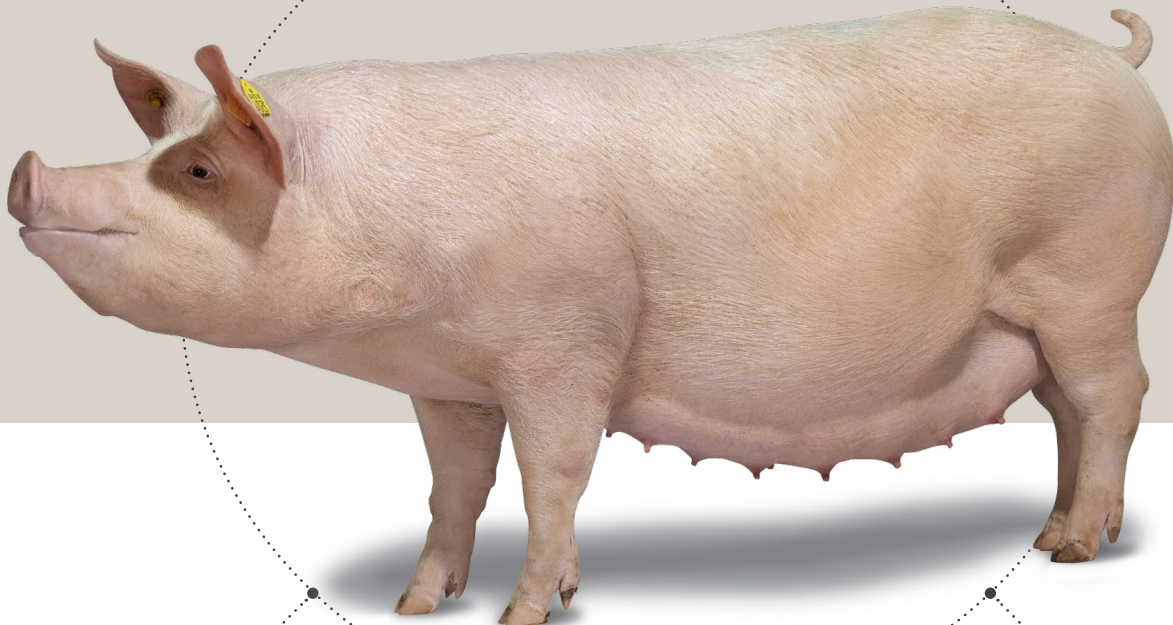
DanBred Hybrid  
has good longevity,  
and, thus, a large  
lifetime production



DanBred Hybrid  
has fast-growing  
and feed efficient  
offspring



DanBred Hybrid  
contributes  
to sustainable  
production of pork



DanBred Hybrid  
produces many  
robust 'full  
value pigs'



DanBred Hybrid  
produces very  
large litters with  
high survival rates



## MANAGEMENT

# Releasing the full potential

**The DanBred Hybrid comes with an extraordinary genetic potential for reproductive performance. Combined with focused management efforts to make the perfect farrowing house, the DanBred Hybrid makes an important and noticeable difference to both production results and profit margins.**

Setting up correct management routines around farrowing begins in the pre-farrowing phase, where cleaning, bedding, and a specific quality checklist should be in focus. Once the pen has been properly prepared, and the farrowing has begun, successful farrowing depends on correct feeding, observation, and assistance if needed.

Success in managing hyperprolific sows like the DanBred Hybrid is especially centered around the careful management of the newborn piglets; quick access to the udder and to colostrum as well as keeping the piglets warm and dry are key focus areas. Other strategies, such as split suckling, can also help ensure piglet health and growth at the important early stage of their lives.

To support the high number of piglets, focused attention on management and feeding during lactation has not only been proven to support immediate piglet growth, but also improve lifetime productivity. The feeding strategy should therefore center on feeding for high milk yield to maximise the number of nursing piglets.

Finally, to achieve efficient and successful weaning, it is important to know the potential of both sows and piglets to set a realistic targeted weaning weight.

DanBred In-Farm Solutions recommend:

- Get basics in place by adopting a strategic approach
- Focus skilled workers to tasks, where their skills are needed
- Use focused and updated KPIs in the farm management





## KNOWLEDGE

# The right tools are always at hand

**To release the genetic potential of the DanBred Hybrid it is beneficial for employees to have an updated skill set and knowledge. For this purpose, DanBred has developed the DanBred Manuals and the DanBred Knowledge Hub.**

The DanBred Manuals show the way in the production by helping users set up correct routines and strategies through easy-to-follow instructions, detailed photos, and illustrative graphics. The DanBred Manuals are translated into several languages and actively used in many countries across the globe.

The DanBred Knowledge Hub is an open online knowledge universe, where visitors can find expert advice and knowledge in the form of easily accessible articles, informative videos, and step-by-step guides on a wide range of production-related topics. The Knowledge Hub thereby gives easy access to practical knowledge that can be applied directly in the production.

Consequently, with access to DanBred's vast knowledge library, and with DanBred Hybrids in the pens, pig producers have the optimal conditions to achieve world-class results and release the full genetic potential.

Find the DanBred  
Knowledge Hub

**[danbred-knowledge.com](https://danbred-knowledge.com)**

Find the  
DanBred Manuals

**[danbred-manual.com](https://danbred-manual.com)**

Download the DanBred App



## PERFORMANCE

# Benchmark KPIs

Achieving towering productivity is not only reserved for traditionally high-performance countries, such as Denmark. Increasingly, local productions invest in training the employees and adopting focused KPIs.

The table shows the benchmark KPIs for productions using DanBred Hybrid. It reveals that great results are achieved both within and outside of Denmark.

2021	Liveborn	Weaned/litter	Weaned/sow/year
Denmark	18	15.3	34.4
Denmark Top 5	19.5	17.6	41.2
France	16.9	14.9	36.4
The Netherlands	16.7	14.3	33.4
Belgium	17	14.5	34.8
China	16.3	15	32
Brazil (customer case)	16	15.1	38
Thailand (customer case)	15.5	14.7	32.9



## PROFITABILITY

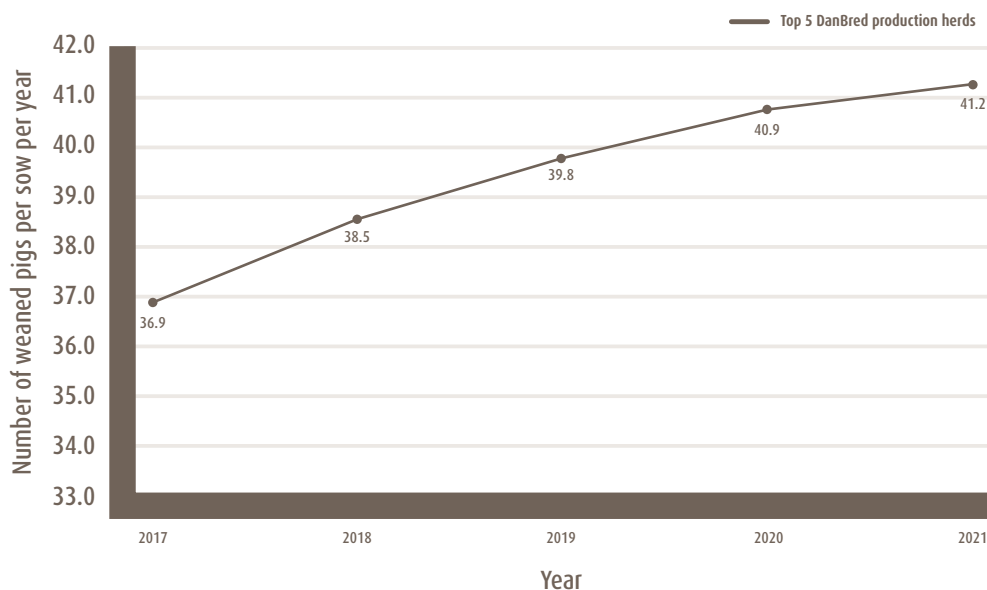
# Boosting the profit margins

**DanBred focuses on increasing business profitability with breeding goals that lead to higher efficiency and productivity - as well as service solutions that assist management in continuously increasing earnings.**

Costs and earnings vary. While costs are mainly related to the input needed in the production, earnings are closely related to the output, and throughout the global pig business, producers use a variety of productivity measures and data to monitor both. Many of the figures are available as real-time data and can be analysed monthly, if not weekly, in order to calculate profitability.

One example in relation to costs is consumption data such as feed intake, as this is an economically impactful factor in a profitable production. To monitor earnings, producers focus on weaned pigs per sow. This figure represents the output of the farm, and is therefore seen as a way of measuring profit in real time.

The DanBred Hybrid has an excellent track record in relation to feed conversion, litter size, and many other productivity measures. Using DanBred Hybrids in the production increases profits by maximising the difference between costs and earnings. The graph below shows the top 5 DanBred production herds' number of weaned pigs per sow per year with a result of 41.2 in 2021. This clearly illustrates the productivity and profitability of the DanBred Hybrid.









## SUSTAINABILITY

# Balanced pig breeding for improved global sustainability

**Producing more pork using fewer resources is key to achieving a more sustainable pig production in the future. It is a fundamental premise in DanBred's balanced breeding programme to contribute to this through genetic progress.**

Genetic selection is a tool perfectly suited to improve sustainability. Firstly, because the key of DanBred's breeding programme is to produce more using fewer resources. Secondly, because any genetic improvements made are cumulative and mostly permanent. Genetic selection for feed conversion, growth, litter productivity, and survival results in reduced feed consumption or waste – which in turn results in reductions in the emission of nutrients such as nitrogen and phosphorus as well as greenhouse gases such as methane and CO<sub>2</sub>.

When feed conversion is improved, the individual pig will consume less feed before it is slaughtered. As a result, it is possible to produce the same amount of pork for less feed or more pork for the same amount of feed. For finishers, the climate footprint decreases by 6.8 kg CO<sub>2</sub> equivalents when the pigs' feed consumption is reduced by 0.1 kg feed per pig. For DanBred finishers, feed consumption has improved by 0.24 kg feed per kg growth in the past 10 years. Genetic selection for growth leads to the same benefits as genetic selection for feed conversion. By reducing the time to slaughter, the amount of feed needed for maintenance is consequently also reduced.

When litter productivity is increased, the number of sows needed to produce the same number of piglets is reduced. This reduces the need for sow feed, with effects similar to those described for feed conversion and growth. As an additional benefit, there will also be a reduction in the relative amount of manure produced, which will in turn reduce the runoff from fields, eutrophication of freshwater sources, and CO<sub>2</sub> emissions resulting from the transport of manure. Genetic selection for piglet vitality leads to similar benefits, as it reduces the number of sows needed to produce the same number of piglets, while also reducing feed waste. In other words, the total amount of feed needed to deliver a batch of pigs from birth to slaughter will be reduced.

These are all examples of how DanBred indirectly selects for sustainability, and the efficiency and productivity of the DanBred Hybrid are tangible testaments to the success of the DanBred breeding programme.

## MULTIPLICATION

# DanBred's global hybrid production network is expanding

**The growing need for local food is an attractive opportunity for high-efficiency DanBred multiplication farms. More than a hundred DanBred multipliers across Europe, the Americas and Asia are already providing superior value to customers and their licenced owners.**

DanBred's global customer reach requires a continuous expansion of the DanBred multiplication network to satisfy the current strong market demands for high-quality and biosecure pork supply. Consequently, DanBred is constantly looking to find and include new talented multiplication partners.

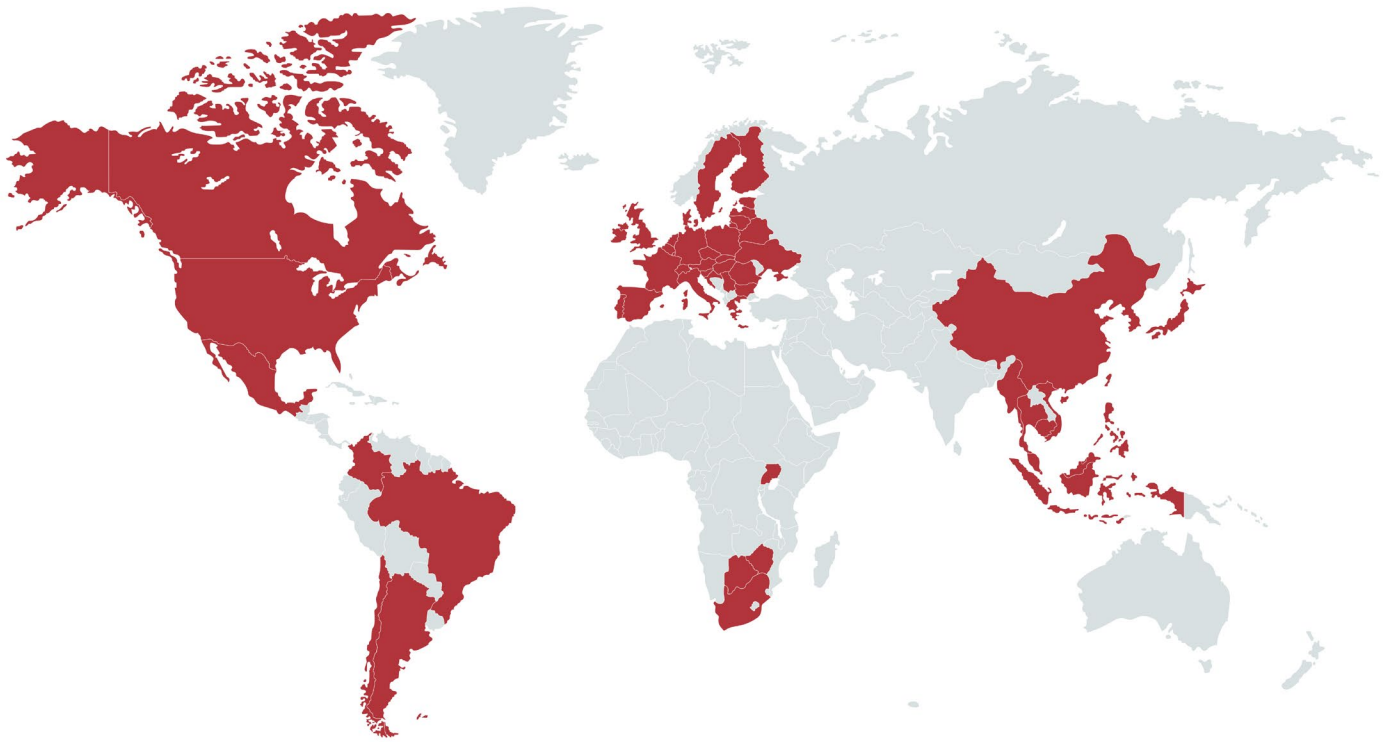
As part of DanBred's quality genetic supply chain, new DanBred multipliers quickly tap into and expand their local business potential. DanBred's experts are ready to engage with new global team members, thereby, bringing them to a fast and effective start. This ensures that all DanBred multipliers work in accordance with DanBred's quality standards and best practices in genetics, health and biosecurity, technical management, and transportation. Our In-Farm consultants remain available for continuous optimisation of multiplication output and efficiency to maximise the overall profit potential of hybrid gilts and production of finishers.

## DANBRED MULTIPLICATION — BEST IN CLASS EXAMPLE

Superior annual output of saleable hybrid gilts: 14 hybrid gilts per sow per year

- Weaned piglets per sow per year: 38
- Average number of farrowings per sow per year: 2.30





*The global production of DanBred Hybrids: Red countries indicate production of DanBred Hybrids in DanBred multiplication farms producing saleable gilts and/or production of on-farm replacements gilts in ongoing GenePro agreements.*



# 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 breeding progress for the DanBred Duroc, DanBred Landrace and DanBred Yorkshire breeds delivers maximum profit and creates a sustainable high profit for our customers.

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 & Food Council, Danish Agro, and Holdingselskabet DBI A/S.

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