DANBRED

DanBred Hybrid

ENGLISH

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, which ensures high efficiency in the production by combining the best traits.

DanBred Hybrid is docile and has excellent mothering abilities as well as a good longevity. The breed produces large viable litters of robust pigs, which grow fast and have a high feed efficiency all the way to slaughter, and when crossed with DanBred Duroc, the offspring will inherit all these traits as well as an excellent meat quality. Therefore, DanBred Hybrid contributes positively to the bottom line and to a sustainable production.

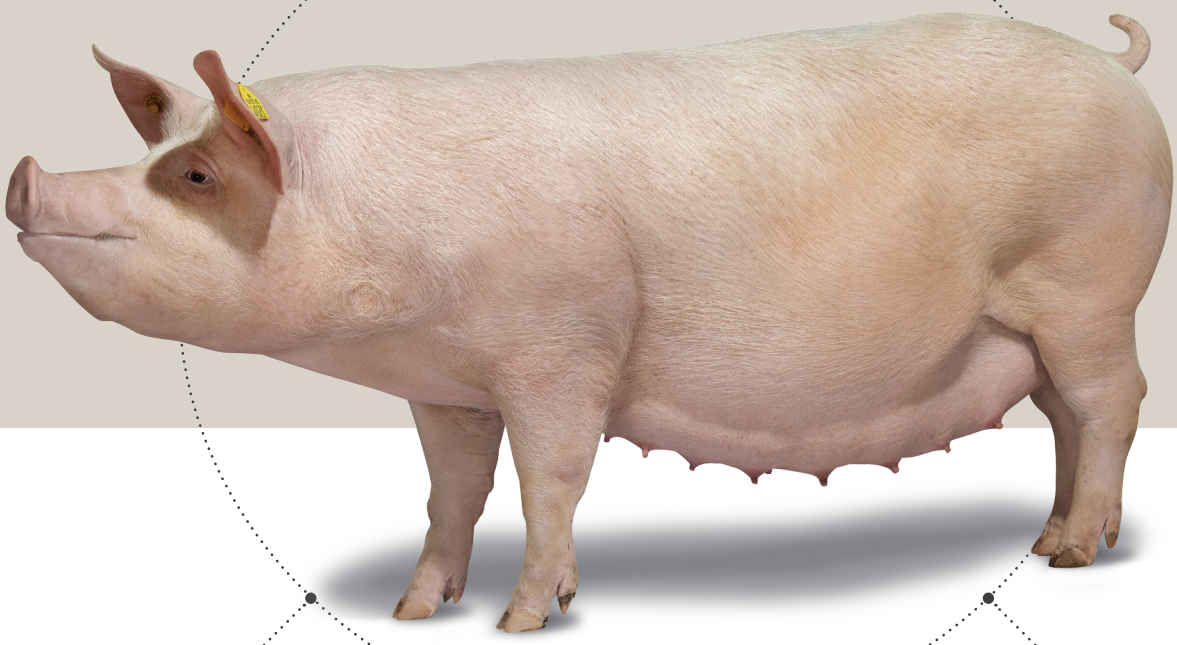
DanBred Hybrid has great mothering abilities and is docile

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

DanBred Hybrid has fast-growing and feed efficient offspring

★★★ HIGH-QUALITY MEAT

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 at the pre-farrowing phase, where cleaning, bedding and a specific quality check-list 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 hyper prolific sows like the DanBred Hybrid is especially centred around the careful management of the new-born 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, focussed 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 centre 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 currently translated into seven languages and actively used in more than 36 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 their pens, pig producers have the optimal prerequisites for achieving world-class results and releasing the full genetic potential.

Find the DanBred Knowledge Hub

danbred-knowledge.com

Find the DanBred Manuals

danbred-manual.com

Download the DanBred App

Download on the App Store

GET IT ON Google Play

PERFORMANCE

Benchmark KPIs

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

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

	Liveborn	Stillborn	Weaned /litter	PW Mortality	Weaned /sow/year	Weaning weight
Denmark	**16.9**	**1.8**	**14.6**	**13.6**	**33.3**	**6.5**
Denmark Top 25 %	**17.7**	**1.8**	**15.6**	**11.8**	**36.0**	**6.2**
France	**17.5**	**1.5**	**14.8**	**15.6**	**36.2**	**-**
The Netherlands	**16.6**	**1.7**	**14.2**	**14.5**	**33.4**	**-**
Belgium	**16.1**	**2.0**	**14.1**	**13.0**	**33.7**	**-**

PROFITABILITY

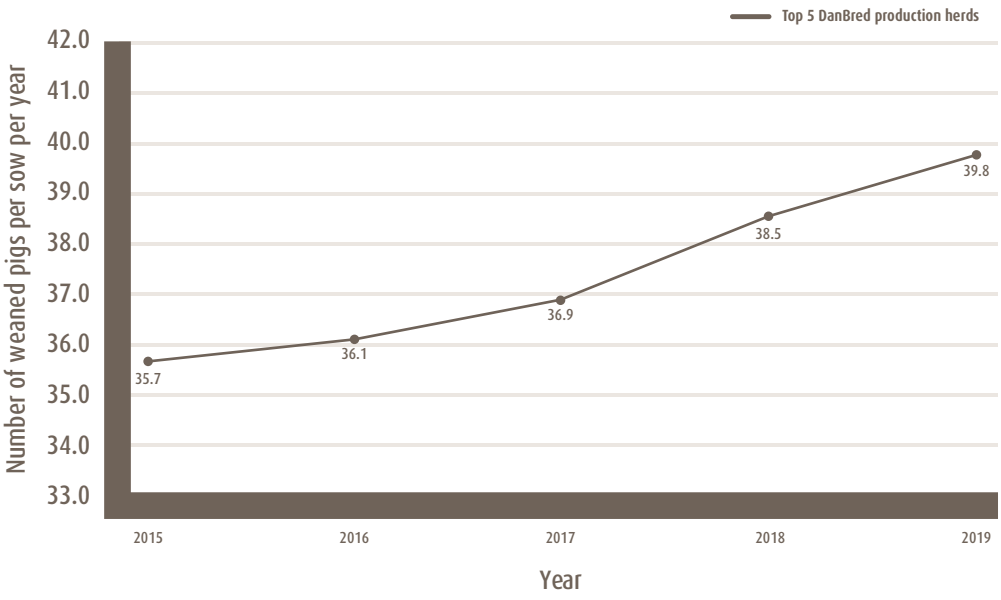
Boosting the profit margins

DanBred is oriented towards 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, as 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, and using DanBred Hybrids in the production increases profits by maximizing 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 39.8 weaners per DanBred Hybrid per year in 2018, clearly illustrating the productivity and resulting profitability of the DanBred Hybrid.



SUSTAINABILITY

Balanced pig breeding for improved global sustainability

Aiming to achieve genetic gain to produce more while using fewer resources is key to achieving a more sustainable production of pork in future, and contributing to this goal is a fundamental premise for DanBred's balanced pig breeding programme and thereby also the DanBred Hybrid.

Genetic selection is a tool perfectly suited to improving sustainability. Firstly, because the key breeding goal of DanBred's breeding programme is to produce more using fewer resources, and secondly because any genetic improvements made are cumulative and mostly permanent. Genetic selection for feed conversion, growth, litter size, and survival all result 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_2.

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. 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. In fact, given current growth rates of DanBred finishers, each improvement of 0.1 kg feed/kg growth in feed conversion is estimated to reduce the requirement for feed per finisher by 7.5 kg. This is then expected to reduce CO_2 emissions by approximately 4 kg per pig.

When litter size 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_2 emissions resulting from the transport of manure. Genetic selection for survival leads to similar benefits, as it also 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

Growing need for local foods is an attractive opportunity for high-efficiency DanBred multiplication farms. 114 DanBred multipliers across Europe, the Americas, Russia 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. Our approach of engagement is flexible and hands-on and based on a shared sound business case.

As part of DanBred's quality genetic supply chain, new DanBred multipliers quickly tap into and expand their local business potential, and DanBred's in-house implementation task force is 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 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.

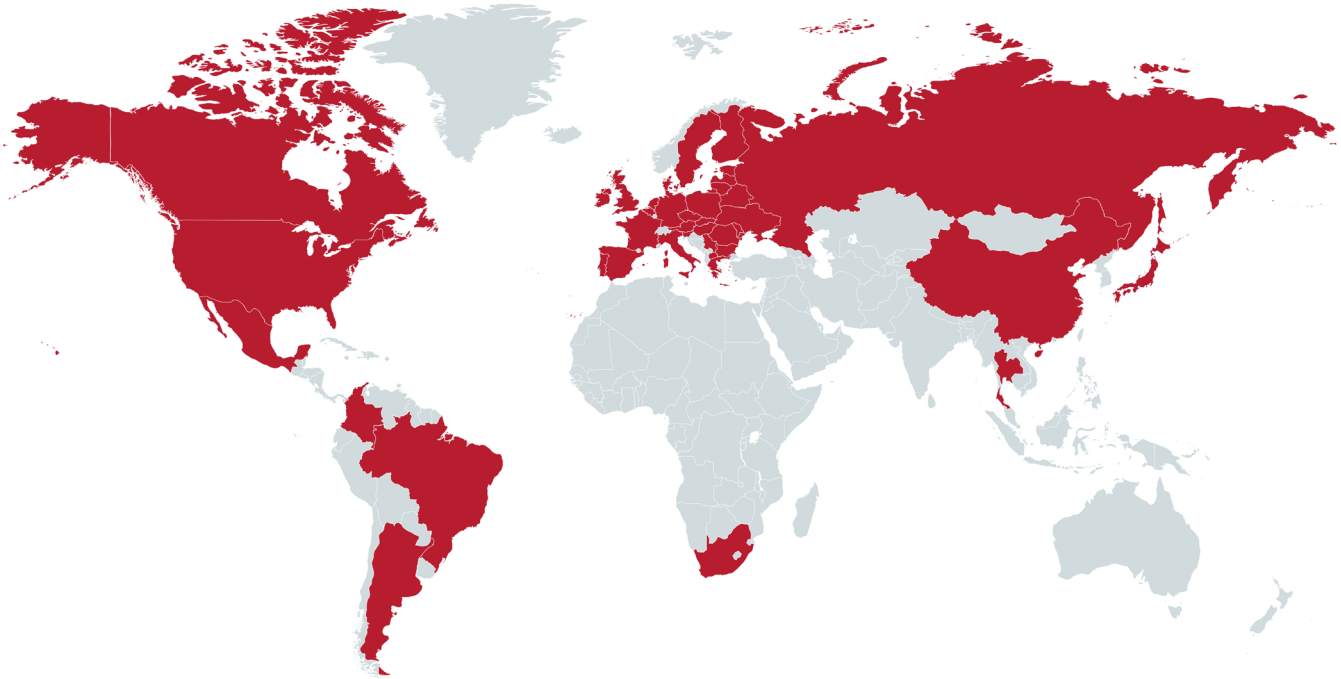
DANBRED MULTIPLICATION – BEST IN CLASS EXAMPLE

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

Highly competitive residual output of slaughter pigs: 22 pigs per sow per year

- Average daily weight gain: 1100 g/day
- Feed conversion rate: 2.7 kg feed/kg growth
- Carcass meat percentage at slaughter: 60 %



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.

DANBRED
Your business. Our DNA.

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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).

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