



Breeding of the future





Take advantage of the world's best pig breeding program - the way to healthy profits and the best meat quality

DanBred represents the most effective and well-coordinated breeding program in the world. DanBred is owned and operated by Denmark's pig producers, and has one of the world's most comprehensive breeding programs – encompassing the majority of the gross Danish production of slaughter pigs.

DanBred has committed itself to providing optimum breeding solutions, which will guarantee maximum productivity, quality and increased profits for the professional pig producer. Because we operate using the world's largest gene pool, you will be guaranteed the world's fastest breeding progress for your herd.

Denmark is the largest exporter of swine in the world. The Danish pig industry, and its subsidiaries, have developed through many decades on the basis of knowledge, research and plain common sense - and are for this reason recognized as the very best all over the world. The result is healthy herds, with both high productivity and an outstanding meat quality.

Danish expertise

All DanBred herds are subject to the world's most stringent rules for the prevention of infections and health control. All data and test results are centrally registered. All DanBred herds are health monitored and health controlled. The control is conducted according to regulations which have been approved by the Pig Research Centre (Videncenter for Svineproduktion, VSP). The purpose is to both guarantee a high degree of disease prevention in the herds, and to monitor the herds for a number of diseases which the industry seeks to prevent, such as Salmonella and others.

SPF health control

SPF health controls are carried out in breeding and multiplying herds according to guidelines which have been established in cooperation with the SPF-SuS. SPF is the abbreviation for Specific Pathogen Free. This title indicates that herds, which are "SPF", are documented to be free from SPF diseases. SPF-SuS carries out this task in a purely professional manner; without regard to commercial considerations involved with the production and transportation of swine. SPF breeding and production herds, also known as the red SPF herds, constitute the top of the production pyramid, and therefore, because they are the best controlled herds in terms of health, are the best of the certified healthy herds in Denmark.

SPF Diseases

- Pleuropneumonia (Actinobacillus pleuropneumoniae) - all Ap-serotypes
- Common lung disease (Mycoplasma lung disease), Caused by Mycoplasma hyopneumoniae
- Dysentery (Swine dysentery), caused by Brachyspira hyodysenteriae
- Contagious rhinitis (atrophic rhinitis), caused by toxin producing Pasteurella multocida-bacteria
- PRRS (Porcine Reproductive and Respiratory Syndrome), caused by two different virus types:
 - DK
 - VAC
- Mange and lice (swine lice)

SPF

- Health
- High daily gain
- Good feed conversion
- Optimal production results
- The satisfaction of working with healthy animals

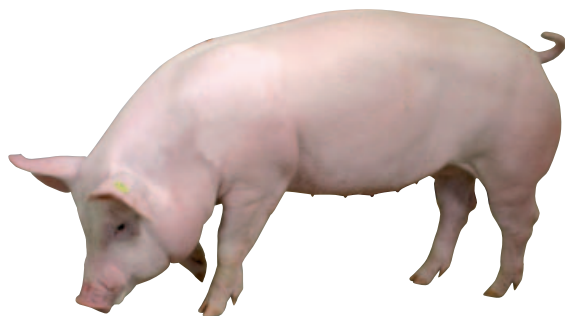


DanBred works with the best female breeds



Danish Landrace (LL)

The Danish Landrace is one of the female races in the Danish cross breeding program used for the production of LY/YL young sows. Because of the Landrace's extremely high fertility and good reproductive characteristics and slaughter quality; sows of this race are often used to birth YL-sows, which are the best hybrid sows for the production of slaughter pigs. The Danish Landrace is a strong pig with good legs and is noted for its ability to farrow many living pigs.



Danish Yorkshire (YY)

The Danish Yorkshire, just like the Landrace, is used for female breeds. At the same time, it is the best breed with regards to reproductive capabilities. This breed features a high lean meat percent, high daily gain, good feed conversion ratios and a good meat quality. Fertility, strength and maternal instincts are the Yorkshire's essential productivity qualities. Denmark is the only country in the world where there can be found, among other things, a program called "LG5" – Living pigs in 5 days. And this will make it possible within a few years for a LY/YL sow to produce 40 pigs/sows per year.

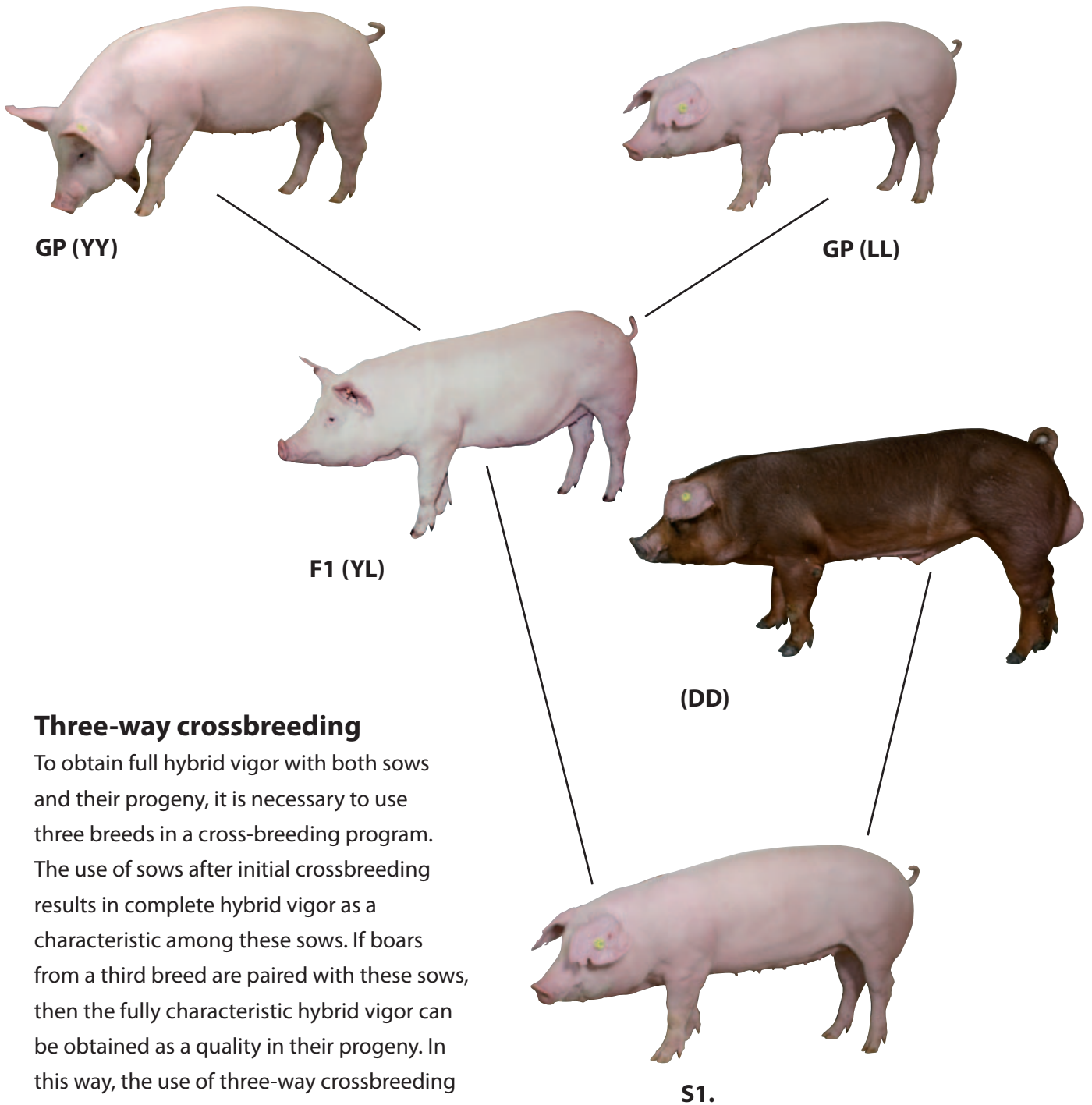


DanBred works with the best masculine breed



Danish Duroc (DD)

The Danish Duroc originates in the United States and Canada, from which it was imported during the period 1977 – 1979. It was first used as a boar breed in cross-breeding programs. Since its importation, The Danish Duroc has been improved; especially with respect to lean meat percent. Today, DanBred has the largest population of pure bred Durocs in Europe. The Danish Duroc does well as a boar breed in combination with LY-sows. The Danish Duroc produces the most rapidly growing slaughter pig with good food conversion rates and a high lean meat percent. As an added advantage, the Danish Duroc produces carcasses with good meat and eating quality due to a small portion of intramuscular fat.



Three-way crossbreeding

To obtain full hybrid vigor with both sows and their progeny, it is necessary to use three breeds in a cross-breeding program. The use of sows after initial crossbreeding results in complete hybrid vigor as a characteristic among these sows. If boars from a third breed are paired with these sows, then the fully characteristic hybrid vigor can be obtained as a quality in their progeny. In this way, the use of three-way crossbreeding can be used to avoid the typical decrease in hybrid vigor which characterizes backwards cross-breeding.



Advantages of the purchase of crossbred young sows

- No space requirements for young sows up to 80 kg
- No on-farm breeding necessary
- Adequate supply of young sows of the right age always available
- The highest genetic level
- Optimum results



Gunnar Vestergaard

The Kollund Breeding Centre

The Kollund Breeding centre is operated by Estrid & Gunnar Vestergaard and is supplier to Danish pig producers – as well as supplier to Porc-Ex Breeding. Gunnar Vestergaard's parents founded this breeding centre 60 years ago with 9 breeding sows. Gunnar has been working with breeding pigs the last 50 years. This breeding centre, which has more than 17,000 pigs housed, is the largest in Denmark.

With 60 years expertise, Porc-Ex Breeding is extremely proud to have this centre as a business partner. They supply the finest quality breeding stock, which today can be found spread out in most parts of the world. It requires credibility, capability, and reliability to have remained in business throughout all these years. Each of Estrid & Gunnar Vestergaard's 600 "mother-sows" and 1200 "multiplying sows" has the "Red SPF" mark; indicating the very highest health guarantee on the market.

Facts

- 17.000 pigs housed
- 60 years expertise
- 600 mother sows + 1200 for multiplying
- Consists of 4 divided cross-breeding and multiplying herds

Red SPF

The red SPF: herds constitute the top of the production pyramid, and they are therefore health-wise, the best controlled and most "well-documented healthy" herds in Denmark.



What can Porc-Ex Breeding offer you?

Porc-Ex Breeding can help you to get a good and healthy start and further development of your pig farming operation. We help you to acquire the finest and healthiest breeding base – carrying the best genes DanBred has to offer.

There are three parameters, three cornerstones, for success:

Genes

DanBred offers more than 40 years experience; resulting in cross-breeding principles developed through a close cooperation between Danish swine cross-breeders and researchers. Porc-Ex Breeding makes sure that you get the very best genes to work with.

Good Health

Good health is the alpha and omega for your pig herd. Purchasers of SPF-breeding stock can be assured of the information as to the condition of the delivery herd's health by requisitioning a health declaration. The purchaser can thereby seek to match the purchased breeding stock's health status with that of his herds. In practice, this means that the newly purchased animals must have the same or a higher health status than the purchasers own herd. By combining the health status of the supplier herd with the status of the purchasers herd, it is possible to reduce the risk of undesired infections when purchasing new breeding stock.

Management

You have access to support, advice and guidance as well as general genetic information based on DanBred's latest research results. With our group of professional consultants and Danish managers, you have access to information concerning optimal business management strategies, stall inventories, and daily operations.



Transportation

SPF vehicle control

To prevent the transmission of undesired infections in connection with the transport of animals from the supplier to the purchaser's herd, there has been established a comprehensive set of regulations governing the interior and operation of the trucks which are used to transport pigs within the SPF system. These regulations include, among other things, detailed requirements for the cleaning and disinfection of the trucks.

The authorized SPF transporters must obey to inspection guidelines including self-supervision of disinfection and cleaning, and random independent inspection of the vehicles. The Health Control's regional offices conduct the impartial inspection, and will also, against payment, conduct the self-supervision control if the transporter require. The inspection include review of cleaning procedures, and where applicable, review of the automatic dosage system. Samples to determine the bacterial level after cleaning are examined. These closed transportation vehicles are primarily used in Denmark.



Danish Farmers



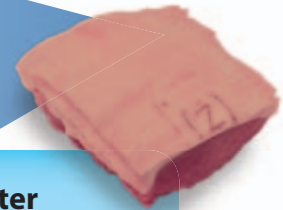
Transportation



Customer



Slaughter



Holger Bøgebjerg Sørensen
Chairman

Porc-Ex Breeding A/S has specialized in the export of DanBred breeding stock from Denmark to the rest of the Europe. Owner and chairman Holger Bøgebjerg Sørensen has over 18 years experience in pig production – which gives him the fundamental knowledge and experience necessary to be able to deliver the very best in service and expertise. With Porc-Ex Breeding A/S as a business partner and supplier, you will get access to the very best genes and the greatest expertise and knowledge that Danish pig breeding has to offer.

