DANBRED
Your business. Our DNA.

DanBred 2019

Breeding goals and results

DANAVL HAS CHANGED TO DANBRED
DanAvl
SAME DNA. SAME QUALITY

DanBred breeding goals have a positive impact on your profit

Updating DanBred's breeding goals ensures greater overall genetic gain in the future via greater focus on finishers' traits. With the new trait 'Maternal, early gain', the breeding goals of DanBred Landrace and DanBred Yorkshire now include a maternal trait with impact on the growth of piglets.

DanBred's breeding goals are updated approximately every three years, and in 2018 we presented the new economical weighting of the traits and launched the new maternal trait. Based on the revised breeding goals, including the new updated economic weights, SEGES Danish Pig Research Centre, has calculated the expected genetic gain for the three DanBred breeds.

'Maternal, early gain' is designed to make way for genetic gain in the sow's heredity ability for increasing the daily gain of her own piglets, and the trait has received international recognition from the outset. Together with LP5 (Living Piglets on day 5 after farrowing), which continues to ensure a genetic improvement in the early survival of suckling pigs, 'Maternal, early gain' contributes to even more balanced and sustainable DanBred breeding goals.

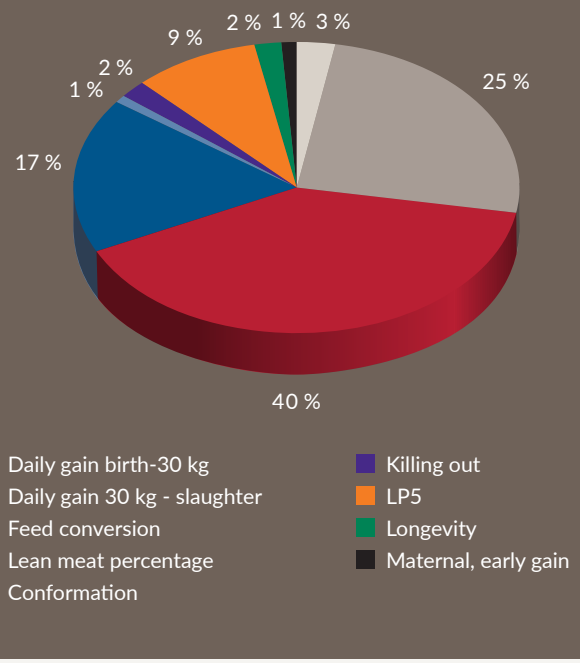
Increased genetic gain in finishers' traits

DanBred's breeding goals are long-term goals, and the 2018 revision ensures that the genetic gain in DanBred Duroc, DanBred Landrace and DanBred Yorkshire reflects the future needs of pig production, thus maximizing profits and creating a high return on investment in production herds using DanBred genetics.

Due to the previous high genetic gain for LP5, the trait is now being weighed lower, and the expected genetic gain is less from now on. On the other hand, this makes room for higher expected genetic gain for finishers' traits. In the pie charts this corresponds to resizing of the slices. The LP5 slice is smaller than the previous revision in 2015, while the production traits are overall, larger.

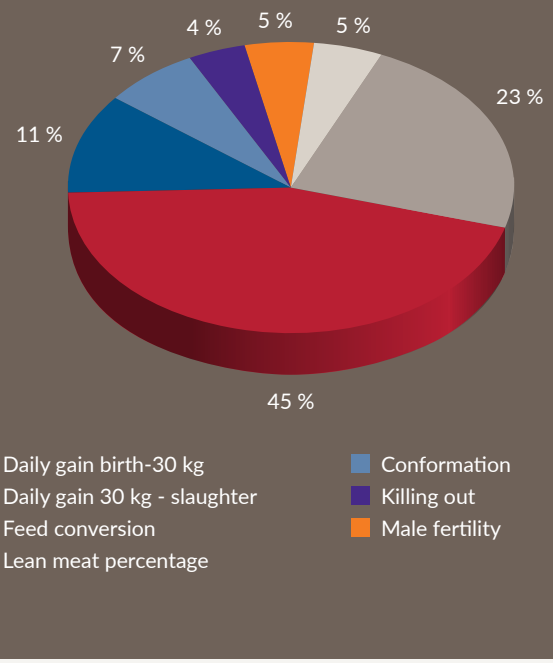
Breeding goals for DanBred Landrace & DanBred Yorkshire

The expected economic composition of the genetic gain for the traits of the breeding goal



Breeding goal for DanBred Duroc

The expected economic composition of the genetic gain for the traits of the breeding goal



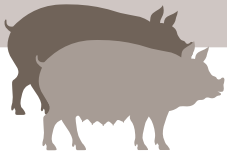
DanBred customers earn €2,17 more per DanBred DLY-finisher per year

The breeding work has resulted in a gain of €2,17 per finisher in the last three years, which is a record high genetic gain. This result has been made possible by the work that SEGES Danish Pig Research Centre has carried out over many years, working to ensure that pig producers achieve the highest possible value.

One of the reasons for the exceptionally high genetic gain is the maximum use of genomic selection. Genomic selection is a tool that shows how closely two breeding animals are related by looking at their DNA. This kinship is then used to calculate the breeding value of each animal.

Breeders thereby obtain better breeding values with greater accuracy, and ultimately have a more informed basis for deciding which pigs are genetically superior in relation to the traits of the breeding goals. In other words, there is a greater chance of finding the best breeding candidates, which in turn results in a higher genetic gain for everyone who uses DanBred genetics in their production.

	DanBred Duroc	DanBred Landrace	DanBred Yorkshire	Average (>DLY-finisher)	€ per unit	Total value - €
Daily gain 30 kg - slaughter (g/day)	20	12	21	18	0,017	**0,31**
Feed conversion (FU/kg growth)	-0.040	-0.042	-0.039	-0.041	-19,732	**0,82**
Lean meat percentage	0.12	0.28	0.11	0.16	1,302	**0,21**
LP5 (Living piglets on day 5)		0.38	0.35	0.37	2,631 / 2	**0,50**
Conformation (Points)	0.02	0.01	0.03	0.02	1,678	**0,03**
Daily gain birth-30 kg (g/day)	1.3	2.0	1.7	1.6	0,015	**0,02**
Longevity		0,00	0.04	0.02	11,409 / 2	**0,11**
Killing out percentage	-0.04	-0.02	-0.03	-0.033	-0,685	**0,02**
Male fertility (Piglets born)	0.13			0.13	2,362 / 2	**0,15**
Total per year on average						**2,17**



+ €2,17

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DanBred – the new DanAvl since 2018

For more than 100 years, Danish experts and pig producers have worked on improving and promoting Danish pig genetics.

DanBred supports pig producers worldwide in optimizing their business based on a foundation of well-documented genetics. DanBred stands for healthy animals, innovation, transparency and knowledge sharing.

For more information, visit www.danbred.com

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