

Get the proof

- Faster growth (+ 135 g)
- Better feed efficiency (- 0.12 kg feed/kg gain)
- Higher meat percentage (+ 1.2 %)

Boost profitability with DanBred Duroc

A recent comparison between DanBred Duroc-boars and Belgian Piétrain-boars has shown that when both are fed according to the genetic recommendations the differences in productivity add up to more than €6 per finisher!

Verified best-in-class performance

The results clearly show DanBred Duroc's high efficiency. When the two breeds are fed according to their individual recommendations, there is considerable difference between DanBred Duroc and Piétrain for all of the important finisher traits - and this makes the difference on your bottom line.

Continuous breeding progress

DanBred aims for a balanced breeding goal that ensures the highest profitability for you. These results clearly show that DanBred has delivered a documented strong breeding progress for many years.

More pork for less costs

Considering your costs of production, this clearly demonstrates how DanBred's breeding progress manifests and provides results that improve your bottom line because of DanBred pigs' high efficiency.



Basis for comparison

In April 2023, a Belgian feed company and a Belgian slaughterhouse decided to compare DanBred Duroc and Belgian Piétrain to uncover what a Belgian finisher pig producer should choose as terminal sire.

DanBred-sows were inseminated with semen from DanBred Duroc and semen from Belgian Piétrain.

DanBred's only role in this trial was to deliver DanBred Duroc semen doses and advise on the feed composition for the Duroc-group.

	DanBred Duroc	Belgian Piétrain	Difference
Daily gain, g	988	853	+ 135
Feed conversion ratio, kg feed/kg gain	2.43	2.55	- 0.12
Meat percentage, %	63	61.8	+ 1.2

The differences are listed as +/- in DanBred's favour (i.e. + 135 g in daily gain means that DanBred Duroc beats Piétrain with 135 g).

	Difference	Economic value
Daily gain, g	+ 135	€2.3
Feed conversion ratio, kg feed/kg gain	- 0.12	€2.8
Meat percentage, %	+ 1.2	€1.5
Total	-	€6.6

How big is the economic difference? This table shows the increased economic value that DanBred's excellent efficiency causes. The economic values are calculated based on SEGES Innovation's Economic Impact Calculations from November 2023 (note 2326).

Your choice of genetics is decisive for your economic profit!

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Basis for comparison.

In April 2023, a Belgian feed company and Belgian Pork Group (a slaughterhouse) decided to compare DanBred Duroc and Belgian Piétrain to uncover what a Belgian finisher pig producer should choose as terminal sire. Belgian Piétrain is the preferred terminal sire in Belgium.

DanBred-sows were inseminated with semen from DanBred Duroc and semen from Belgian Piétrain, and the results were remarkable. Piglet survival with DanBred Duroc as terminal sire was as high as 92.9 %, which may be due the fact that DanBred included the trait 'piglet survival' in the breeding goal in the summer of 2022. Daily gain from 0-30 kg was 456 g for piglets with DanBred Duroc as the terminal sire. The results from the sow unit for Belgian Piétrain were not shared with DanBred. When exiting the weaner unit, DanBred-piglets weighed 25.3 kg on average, whereas the Piétrain-piglets weighed 23.7 kg on average.

The pigs were fed ad libitum dry feed in both the weaner and the finisher unit. The DanBred-pigs were fed according to the normal recommendations by DanBred (developed by SEGES Innovation) with regards to protein, amino acids, and energy. The feed composition for Belgian Piétrain was not shared with DanBred. It is the experience of both the Belgian feed company and the Belgian pig producer that the feed composition used in this trial ensures that the full potential of Belgian Piétrain is achieved.

In this trial, backfat thickness and muscle depth were measured, and together, these values amounted to the value AFI. AFI should be as low as possible, and this is the value used by the Belgian slaughterhouses to pay the Belgian pig producers. The pigs with DanBred Duroc as terminal sire achieved the same AFI value as the pigs with Belgian Piétrain as the terminal sire. However, the finisher pigs with DanBred Duroc as the terminal sire had considerably higher efficiency across all finisher traits (daily gain, feed efficiency, and lean meat percentage).

The group of DanBred-pigs reached slaughter weight 3 weeks faster than the group of Piétrain-pigs. That means that over a period of 3 years, DanBred Duroc can accomplish 10 cycles while Belgian Piétrain will only get to 8.5 cycles.

Considering all of the above, the pigs with DanBred Duroc as terminal sire contributed to a much better bottom line for the pig producer (€6 more per finisher).

DanBred's only role in this trial was to deliver DanBred Duroc semen doses and advise on the feed composition for the Duroc-group.

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