TECH BULLETIN

Third-Party Commercial Trial proves PIC®800 offspring deliver an economic advantage over competitor boars

PIC participated in a third-party trial with a large U.S. customer. The objective of this study was to determine the growth performance differences among three Duroc terminal sire lines currently in the customer's commercial production.

Trial overview

PIC's involvement was limited to providing PIC®800 semen. Two other North American swine genetic companies also supplied their Duroc semen under the same level of participation. An independent third party conducted all data collection and analysis. Because the third party did not provide an economic model, PIC supplied its standard economic model for use in the evaluation.

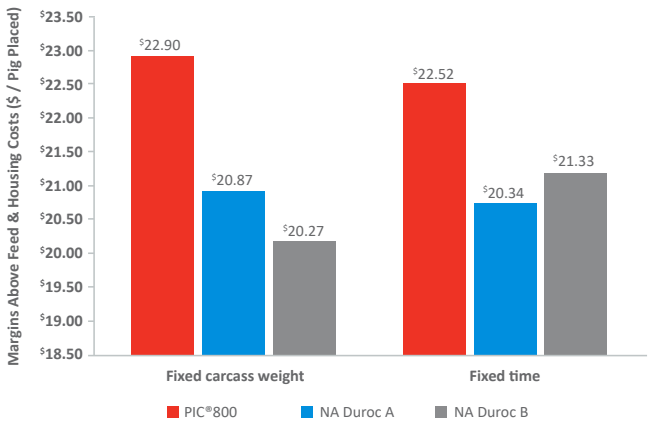
PIC Camborough® sows were used in the study, with matings balanced across sow parities for each sire line.

Performance that drives profitability

PIC®800 offspring are more economically valuable than competitor progeny. PIC®800 delivers better feed efficiency, more full value pigs, and competitive growth.

The result is an economic advantage between $2.03-$2.63 on fixed carcass weight and about $1.19-$2.18 on fixed time.

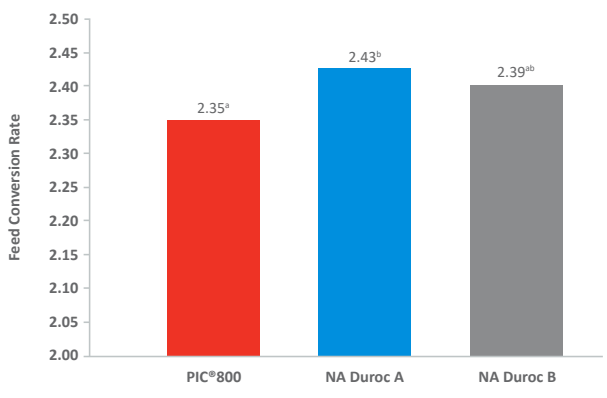
MARGINS ABOVE FEED & HOUSING COSTS ($ / PIG PLACED)



Best feed efficiency, fast growth

Feed efficiency and growth rate are key drivers of higher profitability. PIC®800 sired pigs had the best feed conversion rate (FCR) and achieved high growth rates without sacrificing feed efficiency.

FEED CONVERSION RATE

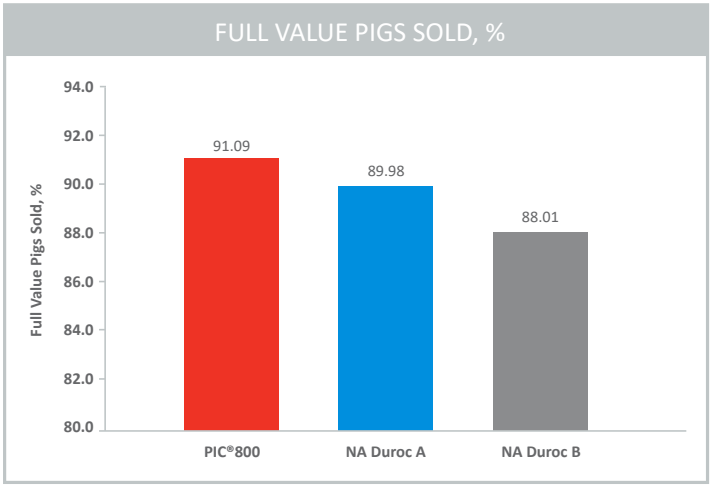


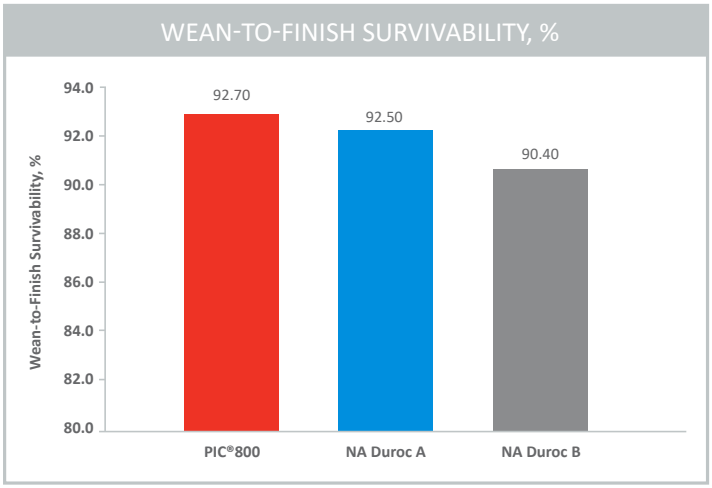
abDifferent superscripts are statistically different at P<0.05.

More full value pigs, better survivability

PIC®800 sired more robust offspring and produced the most full-value pigs of the three Duroc sires represented.

PIC®800 also produced offspring with a numerically better survivability rate.





Summary

Superior trial results validate PIC®800 as a market-leading Duroc boar. Producers can have confidence that when they use the PIC®800, they can consistently realize tangible economic advantages now and in the future.

For more information, contact your PIC representative.

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