

Increase Productivity and Margin by Using CBVPlus Boars from PIC

The little things make a big difference, especially in today's marketplace. One place where you can make a small change and see big results is in the quality of boars you are utilizing. Choosing CBVPlus boars over regular AI boars is one example.



Recent customer trials completed by the PIC Performance Validation team has shown that using CBVPlus versus AI boars increases your net margins. Progeny from CBVPlus boars will achieve higher levels of performance and return a higher margin to the producer than those sired by AI boars. The CBVPlus program from PIC is the difference, on average, of 19 index points per boar. A CBVPlus boar will bring you a net margin of \$1.33 - \$1.71 per pig.

Adding Value to Your Operation

A CBVPlus boar will bring added value to your system compared to an AI boar. Boars with the highest indexes have the greatest genetic superiority in the traits included in the index, while lower indexing boars have lower genetic superiority. PIC estimates that the value for the differences in genetic potential currently for a PIC337RG CBVPlus sired piglet versus an AI is \$1.71 per pig. Value differences for PIC280 CBVPlus versus AI are \$1.67 per pig, and the PIC327 CBVPlus versus AI boar results in a \$1.33 per pig value increase.

	<i>Potential value of CBVPlus vs. AI</i>
<i>PIC337RG</i>	<i>\$1.71 more per pig</i>
<i>PIC327</i>	<i>\$1.33 more per pig</i>
<i>PIC280</i>	<i>\$1.67 more per pig</i>

Realizing the Potential

Trials conducted on the PIC280 boar resulted in the AI20 having net margins of \$1.86 per pig more than those sired by AI boars. This results in a \$0.08 per index point value. The results when using the PIC337 AI20 boars versus an AI boar were net margins of \$2.22 per pig marketed higher, which results in a \$0.07 per index point value. In both the PIC337 and PIC280 trials the AI20 boars grew faster in the finisher (0.06 lb./day and 0.03 lb./day) respectively. Carcass yield was 0.1% higher from both the PIC337 and the PIC280 AI20 sired pigs when adjusted for harvest age. Carcass lean was also higher for the AI20 PIC280 and PIC337 boars (0.3% and 0.2%) respectively when adjusted to a constant harvest age.

Results

The initial extra dollar per dose of semen or \$0.30 per pig becomes very small investment when divided over the number of pigs farrowed from that dose. Your return on that investment will range from \$1.71 - \$1.33 per pig by using CBVPlus versus AI boar semen. Your increased return also depends on your sire line of choice.

