Increase Productivity and Margin by Using AI20 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 AI20 boars over regular AI boars is one example.

Recent customer trials completed by the PIC Performance Validation team has shown that using AI20 versus AI boars increases your net margins. Progeny from AI20 boars will achieve higher levels of performance and return a higher margin to the producer than those sired by AI boars. The AI20 versus AI boar program at PIC is the difference on average of 19 index points per boar placed at the same time. An AI20 boar versus an AI boar will bring you a net margin of $1.26 - $1.95 per pig on a $0.30 per pig or $1.00 per dose investment.

***A*dding Value to Your Operation**

An AI20 boar placed at the same time as an AI boar will bring added value to your system. 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 PIC337 AI20 sired piglet versus an AI is $1.95 per pig. Value differences for PIC280 AI20 versus AI are $1.75 per pig, and the PIC327 AI20 versus AI boar results in a $1.26 per pig value increase.

	Potential value of AI20 vs. AI
PIC337	*$1.95 more*
PIC327	*$1.26 more*
PIC280	*$1.75 more*

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. The results when using the PIC337 AI20 boars versus an AI boar were net margins of $2.22 per pig marketed higher. 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

When compiling all this information together, the initial extra dollar per dose of semen ***or $0.30 per pig*** becomes very small when divided over the number of pigs farrowed from that dose, as well as counting the value these same pigs bring. The added costs become especially small when you can get an increased return from $1.95 - $1.26 per pig by using AI20 versus AI boar semen. Your increased return also depends on your sire line of choice.

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