



CIRCUMVENT PCV M[®]

Technical Report 5

Maximize Feed Efficiencies, Minimize Production Risk

Without question, the cost of pig production has never been higher. Extreme drought is driving feed costs to historic highs. Thanks to relatively high market prices and high market weights, market pigs are also worth more than ever.

However, don't confuse 2012 with the crash of 1998. Cost of production then was \$37.50 per cwt live weight with market pigs averaging about \$35 per cwt live during the year. Today, cost of production is around \$70 per cwt live weight with futures suggesting \$75/cwt carcass weight (or \$56 per cwt live with 75 percent cut out) excluding basis and premiums.

The high price of cutting back

With margins this tight, there is always the temptation to cut back on upfront input costs and try to save where you can. Even the slightest change in production efficiencies can have negative results in the long run and end up backfiring.

For example, reducing your PCV vaccination program from a two-dose program to a one-dose program might look tempting, but it could cost you more than you realize. Just an efficiency loss of 0.01 lb. could cost you \$0.50/hog.

Feed Cost Per Ton = \$200			
	Market Weight		
FCR	260	270	280
.01 Difference (2.60 vs. 2.61)	\$0.25	\$0.26	\$0.27
1% Difference (2.60 vs. 2.626)	\$0.64	\$0.67	\$0.70
Feed Cost Per Ton = \$300			
	Market Weight		
FCR	260	270	280
.01 Difference (2.60 vs. 2.61)	\$0.37	\$0.39	\$0.40
1% Difference (2.60 vs. 2.626)	\$0.97	\$1.01	\$1.05
Feed Cost Per Ton = \$400			
	Market Weight		
FCR	260	270	280
.01 Difference (2.60 vs. 2.61)	\$0.50	\$0.52	\$0.54
1% Difference (2.60 vs. 2.626)	\$1.29	\$1.34	\$1.39

Circumvent PCV M: ready-to-use protection that pays off

Circumvent® PCV M combines the proven performance of Circumvent PCV and MycoSilencer® ONCE in a convenient combination for effective, long-lasting, two-dose protection.

- Both antigens are premixed in the same bottle, reducing the number of injections administered and simplifying the vaccination process.
- Ready-to-use in one bottle, cutting waste and refrigerator storage space in half.
- Requires no mixing, so there is no risk of contamination or additional labor associated with mixing and no requirement to use within four hours.

Circumvent PCV M provides veterinarians and producers a health management tool for circovirus and mycoplasma with a unique combination of efficacy, convenience and peace of mind.

Fight back with Circumvent PCV M

When it comes to protecting against PCV2, not all products are created equal or perform the same. Several studies* have evaluated the economic return of Circumvent vaccines compared to pigs vaccinated with one-dose commercial vaccines and non-vaccinated controls.

Study Location	Lb. of Feed Per Pig Extra	Per Head Feed Cost Difference By Diet Cost		
		\$200	\$300	\$400
Canadian	12.9	\$1.29	\$1.94	\$2.58
Midwest US	35.2	\$3.52	\$5.28	\$7.04
Mexico	36.3	\$3.63	\$5.45	\$7.26
Brazil	19.5	\$1.95	\$2.93	\$3.90

The results speak for themselves. Pigs vaccinated with two doses of Circumvent brand vaccines require less feed than those pigs given one-dose commercial vaccines. Evaluate your vaccination program to get the best out of your valuable input investment!

Calculate your feed efficiency

Don't let upfront costs drive your cost cutting decisions. Additional feed requirements at today's feed costs can overcome the initial savings. Crunch the numbers for yourself and see how much you could be gaining in feed efficiency and what changes to inputs could cost you in the long run.

*Evaluation of the economic return of two vaccination programs in various production systems. Data on file.

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