



PremiumPro

Research Report

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PremiumPro Nursery-Grower Performance (MVS9021)¹

		Control	PremiumPro	Variance
<u>Treatments:</u>				
<u>Premium Proteins, % of diet*</u>				
d0-7: Plasma - Blood - Fish - PremiumPro		2.5%-.1.25% - 5.0% - 0%	0% - 0% - 0% - 12.5%	
d7-21: Blood - Fish - PremiumPro		1.25% - 3.0% - 0%	0% - 0% - 6.25%	
d21-35: PremiumPro		0%	2.5%	
<u>Performance²</u>				
Piglet Body Weights: Start/End (lb)		17.5/62.3	17.3/62.5	
Avg. Daily Feed Intake (lb)	d 0-35	1.83	1.80	
	d 21-35	2.34	2.28	
Avg. Daily Gain (lb)	d 0-35	1.28 ^e	1.29 ^f	+0.8%
	d 21-35	1.39 ^e	1.49 ^d	+7.2%
Feed:Gain (lb/lb)	d 0-35	1.43 ^e	1.39 ^d	+2.8%
	d 21-35	1.69 ^e	1.53 ^d	+9.5%
Cost ³ (\$/lb of gain)	d 0-35	\$0.399 ^e	\$0.376 ^d	-5.8%
	d 21-35	\$0.386 ^e	\$0.360 ^d	-6.7%

¹ 35 day trial; n=6; (ADG n=333)

² Performance from d0 to d21 was not different among treatment groups

³ Premium Protein prices:

Blood Plasma (\$4,260/t), Blood Meal (\$1,560/t), Select Fish Meal (\$1,220/t), & PremiumPro (\$820/t)

* Kansas State University based diets with equal nitrogen (crude protein) contributions from premium protein ingredients

* Diets formulated to iso-caloric and iso-lysine (w/balanced amino acids) among treatments

^{cd} Means in the same row with different superscripts differ p<0.05

^{ef} Means in the same row with different superscripts differ p=0.0517