Effect of Zn source and level on performance and fecal dry matter in nursery pigs (d 0 to 39)

	Dietary Zn, ppm[1]							
Source	ZnO			Zn hydroxychloride[2]				
				A		B		
Phase 1	3000	1500	1000	1500	1000	1500	1000	
Phase 2	2000	1000	500	1000	500	1000	500	SEM
d 0 BW, kg	5.6	5.6	5.7	5.7	5.6	5.6	5.7	0.31
d 39 BW, kg	21.8	21.4	21.8	21.8	21.6	21.3	21.4	0.45
ADG, g	388	386	396	389	380	387	383	18.2
ADFI, g	533	527	539	541	526	541	530	15.1
G:F, g/kg	729	733	736	718	723	715	723	22.1
Fecal Zn, mg/kg DM basis								
d 7	11,339	6,535	4,734	5,879	7,014	6,988	4,899	2,286.2
d 21	8,699	5,400	3,297	4,868	2,864	5,101	2,988	166.4

[1] No significant interactions or main effect differences ($P > 0.10$) were observed for any of the responses, except for d 7 fecal Zn concentration, where a significant interaction ($P = 0.009$) was observed between Zn source and level.

[2] Source A= Hydroxy Zn, SAM Nutrition, Bloomington, MN; source B= Intellibond Z, Selko, Indianapolis, IN