

Table 1. Effects of increasing levels of Ca on nursery pig performance and health

Item	Total Calcium				SEM	Contrast, <i>P</i> -value	
	0.47%	0.52%	0.57%	0.62%		Linear	Quadratic
Dietary Ca:P ratio							
Phase 1	0.80	0.88	0.97	1.05			
Phase 2	0.77	0.85	0.93	1.02			
Phase 1 & 2 (day 0 – 21)							
Initial BW, kg	5.91	5.92	5.91	5.91	0.221	0.888	0.838
Mortality ¹ , %	2.13	2.80	2.26	3.62	1.205	0.157	0.655
Removals ¹ , %	0.81	0.81	1.78	1.13	0.532	0.327	0.568
Mortality & Removals ¹ , %	3.10	3.84	4.15	5.04	1.218	0.073	0.967
Overall (day 0 – 43)							
Final BW, kg	25.50	25.78	25.63	25.61	0.256	0.813	0.386
ADG, kg	0.441	0.445	0.445	0.439	0.007	0.796	0.231
ADFI, kg	0.613	0.613	0.618	0.610	0.008	0.901	0.380
G:F, kg/kg	0.720	0.726	0.721	0.720	0.010	0.763	0.361
Injectable treatments ¹ , %	28.56	31.20	28.15	32.06	8.54	0.383	0.740
Scour score ¹ day 3	6.90	3.45	6.90	3.45	4.71	0.713	1.000
Scour score ¹ day 6	10.34	0.00	3.45	3.45	5.66	0.999	0.998
Scour score ¹ day 17	0.01	0.00	0.01	0.00	0.06	0.536	1.000
Scour score ¹ day 23	2.08	5.14	2.08	3.46	7.09	0.845	0.774
Mortality ¹ , %	6.81	8.38	6.48	9.97	1.559	0.139	0.413
Removals ¹ , %	2.92	3.07	3.07	3.07	0.694	0.880	0.908
Mortality & Removals ¹ , %	9.73	11.46	9.56	13.07	1.555	0.164	0.512

¹ Probability of mortality, removals, scouring, and injectable treatments *100