

Effect of calcium administration protocol around parturition on sow performance

Item	Farrowing protocol			SEM	<i>P</i> =		
	Control	CaCl	CaG		TRT × Parity	TRT	Parity
Litter characteristics							
Total born, n	16.7	16.7	16.9	0.25	0.907	0.963	0.600
Born alive, %	90.8	90.1	91.4	0.88	0.190	0.145	< 0.001
Stillborn, %	6.7	6.7	6.1	0.87	0.462	0.226	< 0.001
Birth-cross foster mortality, %	5.9 ^b	7.9 ^a	7.1 ^{ab}	0.42	0.035	< 0.001	< 0.001
Blood characteristics							
Chloride, mmol/L	102.9 ^b	104.6 ^a	103.0 ^b	0.39	0.973	< 0.001	0.161
Glucose, mmol/L	96.5 ^b	96.4 ^{ab}	102.8 ^a	2.46	0.765	0.026	0.059
Ionized Calcium, mmol/L	1.23 ^b	1.29 ^a	1.24 ^b	0.016	0.212	< 0.001	0.001
Urine pH	6.96 ^a	6.41 ^b	6.53 ^b	0.128	0.745	0.001	0.904
Piglet immunocrit ratio	0.070	0.074	0.080	0.0034	0.430	0.068	0.406

^{a-c}Means within row with different superscripts differ (*P* < 0.05).