

Effects of increasing arginine:lysine ratio in transition and lactation diets on sow performance

	SID Arg:Lys ratio, %			SEM	<i>P-value</i>	
	90	105	120		Linear	Quadratic
Lactation SID Arg intake, g/d	55.2	66.7	74.0	1.75	< 0.001	0.287
Farrowing duration, min	245	249	250	21.0	0.848	0.965
Colostrum intake, g	361	363	363	7.9	0.843	0.874
Litter size, n						
d 1	14.5	14.9	14.5	0.72	0.972	0.648
d 10	14.1	14.5	14.2	0.71	0.917	0.673
Wean	13.9	14.4	14.0	0.71	0.888	0.600
Piglet ADG, g/d						
d 1 to d 10	211	199	195	6.2	0.051	0.540
d 10 to wean	270	261	268	7.1	0.811	0.272
d 1 to wean	227	217	219	5.7	0.196	0.293
Wean to estrus interval, d	5.22	4.99	5.38	0.14	0.372	0.044