

Table 1. Effects of reducing dietary fermentable protein by increasing levels of a hydrothermal mechanical processed soybean meal (Provisoy™, Cargill, USA) on growth performance and survivability of nursery pigs

d 0-10 d 10-23	HTM ¹ SBM, %				SEM	Contrast, P-value	
	0	6	12	18		Linear	Quadratic
BW, kg							
Day 0	6.54	6.57	6.55	6.53	0.076	0.849	0.557
Day 10	8.10	8.23	8.13	8.12	0.116	0.896	0.367
Day 23	13.61	13.77	13.44	13.60	0.220	0.532	0.982
Day 39	25.54	25.72	25.60	25.50	0.272	0.826	0.536
ADG, kg							
Day 0-10	0.147	0.154	0.149	0.150	0.008	0.956	0.483
Day 10-23	0.453	0.455	0.438	0.453	0.020	0.561	0.335
Day 0-23	0.309	0.313	0.301	0.309	0.006	0.652	0.710
Day 23-39	0.721	0.724	0.738	0.720	0.012	0.811	0.240
Day 0-39	0.480	0.484	0.484	0.481	0.006	0.993	0.494
ADFI, kg							
Day 0-10	0.168	0.169	0.167	0.161	0.008	0.149	0.384
Day 10-23	0.531	0.538	0.526	0.540	0.006	0.556	0.483
Day 0-23	0.361	0.365	0.358	0.362	0.009	0.835	0.913
Day 23-39	0.927	0.939	0.934	0.937	0.016	0.524	0.597
Day 0-39	0.597	0.604	0.599	0.603	0.007	0.605	0.706
G:F, kg/kg							
Day 0-10	0.876	0.912	0.893	0.930	0.076	0.086	0.994
Day 10-23	0.853	0.846	0.832	0.837	0.036	0.095	0.459
Day 0-23	0.854	0.857	0.842	0.853	0.015	0.541	0.559
Day 23-39	0.779	0.776	0.789	0.768	0.005	0.384	0.053
Day 0-39	0.805	0.801	0.808	0.801	0.006	0.629	0.715
Removals ² , %	3.36	2.37	2.57	2.57	0.801	0.531	0.516
Mortality ² , %	1.30	1.96	0.65	0.65	0.735	0.095	0.623
Mortality and Removals ² , %	4.87	4.68	3.31	3.31	0.994	0.122	0.925
Pens Scouring ³ d3, %	26.1	33.2	14.6	14.6	31.14	0.223	0.769
Pens Scouring ³ d6, %	59.1	40.9	50.0	40.9	10.66	0.343	0.670

¹ HTM = hydrothermal mechanical processed soybean meal

² Probability of mortality and removals *100

³ Probability of pens scouring *100