



Nutrient and energy digestibility in weaned piglets as influenced by feeding level and origin of soy-bean meal in the diet

By Miriam Goerke

Cuvillier Verlag Nov 2014, 2014. Taschenbuch. Book Condition: Neu. 213x147x12 mm. Neuware - Feed is the greatest single cost factor in pig production, and protein and energy accounts for the largest proportion of feed costs. Therefore, it is crucial that the protein and energy content of a diet is characterized in the best possible way. Over the past years, the standardized ileal digestibility (SID) of crude protein (CP) and amino acids (AA) has been introduced into diet formulation for pigs in several countries. Moreover, different energy systems are available for feed evaluation including digestible energy (DE), metabolizable energy (ME) and net energy (NE). For soybean meal (SBM), the most commonly used feed ingredient in pig diets, tabulated values for SID of AA in addition to DE, ME or NE contents have been determined in grower-finisher pigs rather than weaned piglets. Due to the lack of separate feed tables for piglets, tabulated values originating from experiments with grower-finisher pigs are being used for diet formulation in piglet feeding, although post-weaning feed intake (FI) is highly variable and often lower than 3 times the maintenance energy requirement of weaned piglets. Thus, it remains open, if values obtained with grower-finisher pigs can be...



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