

# **Non-Ruminant Session**

# The 2012 Swine NRC: What You Should Know

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The U.S. National Academy of Sciences recently released the 11<sup>th</sup> revised edition of Swine NRC, the Nutritional Requirements of Swine. The new edition, produced by a committee of swine nutritionists along with the USDA-ARS, has been updated and expanded to aid farmers in formulating pig diets.

The 2012 Swine NRC includes:

- Updated energy and nutrient requirements for pigs in all phases of production.
- Information on new feed ingredients from the biofuels industry and other new ingredients, such as novel soybean products.
- New chapters on lipids, carbohydrates, potential feed contaminants, and on the digestibility of nutrients and energy.
- A new evaluation standard for phosphorus: Standardized Total Tract Digestibility (STTD). Requirements for STTD phosphorus by all categories of pigs and STTD phosphorus content of feed ingredients.
- Information on the effects of feed processing (pelleting, extrusion, and reduced particle size).
- Strategies to increase nutrient retention and reduce nutrient excretion.
- Expanded feed composition tables.
- An updated computer model to estimate nutrient requirements for pigs.
- Identification of future research needs.

## NOTES

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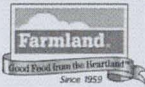
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