

THE NEW SWINE NRC

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1.- INTRODUCTION

The tenth revised edition of the Nutrient Requirements of Swine was published by the National Academy Press in 1998. A decade later, it became clear that a revision of the so-called "NRC for Swine" was needed and discussions with the National Academies about revising the document were initiated. A project proposal was written in February, 2009, and the National Academies committed to the revision provided that funding to cover the costs of the revision could be identified. Subsequently, prospective funding agencies were contacted and in May, 2009, the funding needed for the revision was secured. Funding agencies included the National Pork Board, the American Feed Industry Association via their Institute for Feed, Education, and Research, the Illinois Corn Marketing Board, the Nebraska Corn Board, the Minnesota Corn Growers Association, the U. S. Food and Drug Administration, and internal NRC funds.

Following the successful funding of the revision, the National Academies approved the project and during the summer and fall of 2009, a committee of 10 swine nutritionists was assembled. The committee was approved in November, 2009, and the National Academies provided the Statement of Task to the committee as a guideline for the revision. The Statement of task included a charge to update nutrient and energy requirements for all categories of pigs, to update the feed composition database and the computer model, to provide information about new feed ingredients from the corn- and soybean industries, to review effects of feed additives routinely used in diets fed to pigs, to describe effects of feed processing, to discuss strategies for improved nutrient retention rates and reduced nutrient excretion rates, and to describe areas where future research is needed.

