

SPECIAL REQUEST FOR PROPOSALS
National Pork Board
SWINE HEALTH - PMWS
Research Proposal Information for SUMMER 2006 Funding

DEADLINE: Monday, May 1, 2006 – 8:00 a.m. CST

Post-weaning Multisystemic Wasting Syndrome (PMWS)

Introduction

It has not been unusual for clinical PMWS to be diagnosed on farms in the U.S. based on the case definition published by Sorden. (Sorden, S.D., 2000. Update on porcine circovirus and post-weaning multisystemic wasting syndrome (PMWS). Swine Health Prod. 8, 133-136.) These affected farms have historically been positive for Porcine Circovirus type 2 (PCV2).

However, an increase in the incidence of the severe form has been reported in the U.S. since the fall of 2005. Clinical signs of the more severe form of PMWS include anorexia, rapid weight loss, enlarged lymph nodes, and respiratory signs. Theories for etiology of this increase include the emergence of a completely new infectious agent; development of a new, more virulent and/or transmissible strain of PCV2; or the emergence of infectious or non-infectious disease co-factors that interact with PCV2 to increase the incidence of clinical PCV2 associated disease.

Research Priority

The National Pork Board is calling for research proposals addressing etiology only. The project described should investigate unique etiologies or investigate cofactors with PCV2 that trigger the clinical syndrome.

Proposal funding should be limited to up to \$50,000, unless justification for an increased budget can be provided.

To be considered for committee review, **all proposals must be submitted via the website by 8:00 a.m. CST Monday, May 1st, 2006 (see www.pork.org for links).** Proposals will be reviewed by both technical advisors and pork producers prior to the committee selection meetings.

If you have questions regarding this solicitation, please contact:

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