

SWINE HEALTH

Title: Epidemiology of porcine pestivirus and Torque teno virus in wean-to-finish pigs - **NPB #09-134**

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Date Submitted: May 6, 2010

ABSTRACT

The purpose of this study was to describe the circulation of TTV and/or porcine pestivirus in commercial wean-to-finish populations. Oral fluid samples were collected from 10 wean-to-finish sites at 2-week intervals from placement (3 weeks of age) to close-out. Testing for porcine pestivirus and TTV using PCR-based assays was performed on these samples. Among the 600 oral fluid samples tested, one tested positive for porcine pestivirus. In contrast, 155 (26%) tested positive for TTV1; 483 (80%) tested positive for TTV2; and 134 (22%) tested positive for both TTV1 and TTV2. Thus, the results indicated that TTV infection was common in the 10 commercial wean-to-finish cohorts monitored in this survey.

These research results were submitted in fulfillment of checkoff-funded research projects. This report is published directly as submitted by the project's principal investigator. This report has not been peer-reviewed.

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