



Production Animal Disease Risk Assessment Program

March 2011

NEWS! NEWS! NEWS! NEWS! NEWS! NEWS!

Did You Know the Grow Finish Benchmarking Reports are Available?

PADRAP stats:

- 296 AASV members have been trained to use the PRRS Risk Assessments
- 2617 assessments completed for 1401 breeding herd sites
- 465 assessments entered for 441 grow-finish sites

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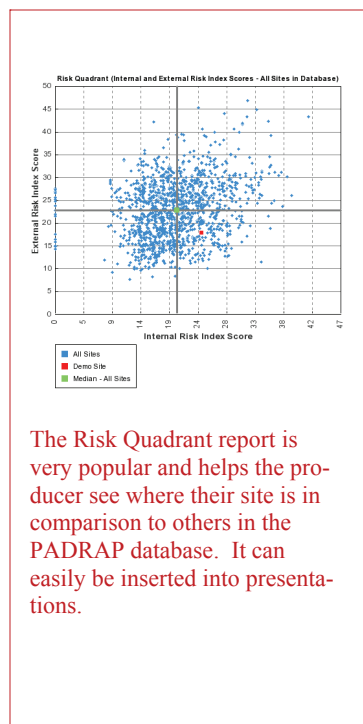
The PRRS Risk Assessment for the Growing Pig Herd was launched in June of 2009. Veterinarians who have completed PADRAP training are able to complete the Grow Finish surveys AND generate benchmarking reports. If you find that you have access to the Breeding Herd surveys but not the Grow Finish, please contact the PADRAP administrators (Chris or Derald) and we'll quickly get you set up.

PADRAP training sessions used to only cover the Breeding Herd survey but now also touch on the Grow

Finish one as well.

Now that the database has been populated with over 400 Grow Finish surveys, there is enough data to start running analysis and make comparisons across the board by utilizing the benchmarking reports.

To run the reports a survey must be in "Completed" status, and are generated the same way benchmarking reports are done for Breeding Herd surveys. If you need assistance or a brief refresher course please let us know!



The Risk Quadrant report is very popular and helps the producer see where their site is in comparison to others in the PADRAP database. It can easily be inserted into presentations.

A New Voice Answering the Phone

Many of you who have called 515-294-8703 for help with PADRAP or with questions the past few months have been surprised to hear a new voice on the phone. Chris Mowrer has replaced Jamie Melody as the Assistant Program Director for the PADRAP website. Jamie and her husband have three kids under the age of 6 and she is now enjoying being a stay-at-home Mom! She's done an awesome job and left some

pretty big shoes to fill.

Chris grew up on a diversified crop & livestock farm in west-central Iowa and after earning her Bachelor's degree in Animal Science from Iowa State University gained experience in feed sales for Cenex/Land O' Lakes, molecular biology and technology for Syngenta and Monsanto, and customer support and sales for GlobalVet-Link. She resides on an acreage near Madrid, Iowa with her husband Kent,

daughters Josie & Maddie, 2 horses, and a small club lamb flock.

Chris' complete contact information is on page 3.





“Using information gained from PADRAP...we’ve been successful at identifying, benchmarking, and indexing those processes that are either effective or ineffective in preventing and controlling the spread of PRRS.”

-Dr. John Waddell

PADRAP Training held at 42nd AASV Annual Meeting

A PADRAP training session was held the morning of Saturday, March 5 at the AASV Annual Meeting in Phoenix, AZ.

18 veterinarians and 1 veterinary student completed training which was conducted by Dr. Derald Holtkamp, Dr. Dale Polson, Dr. Egan Brockhoff, and Chris Mowrer.

If you would like to receive training please let Chris or Derald know and we will set one up.

Web-based training sessions (via www.GoToMeeting.com) are being offered on an as-needed basis. Live, face-to-face sessions are also conducted on an as-needed basis and are reserved for a time and location where

several veterinarians want to be trained.

To date, 296 AASV members have been trained to complete the PRRS Risk Assessments in 47 training sessions (24 face-to-face trainings and 23 online via GoToMeeting).

EXTREME Makeover: PADRAP Edition

Work continues on construction of the new PADRAP website that will be hosted by Iowa State University and beta testers are providing feedback. By moving to “dot-net” framework, PADRAP is getting an extreme makeover and should feel more user friendly and intuitive.

Integrations with other types of data (i.e. diagnostic, production) will be easier. The interface is more flexible, allowing for expanded

search capabilities and users should notice increased speed and performance.

Phase II of the new system is already in the works and will include delivery of risk assessments in multiple

languages and other modifications to increase the value of the risk assessments and make the program easier to use for regional PRRS virus control projects.



Area Regional Control Projects: A look at Iowa County PRRS Control Project

Area Regional Control (ARC) projects are a new method of PRRS control/elimination strategies that emphasize the need for “community” action to maximize efforts by individual producers. ARCs are an initiative to control PRRS by working with local producers and veterinarians in a specific region. Producers are enrolled and establish initial PRRS status and agree to share information with local producers by mapping of sites in the region. Producers designate a veterinarian who assists in their site monitoring and in development of control procedures. The veterinarian, in cooperation with the producer, develop and implement a PRRS virus herd plan including biosecurity and testing plan for each site designed to meet project standards for bio-exclusion, bio-containment, and bio-management. Use of AASV’s PADRAP to develop appropriate biosecurity strategies are encouraged for each site.

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**This newsletter will be published
and distributed semi-annually.**

**Please feel free to call or email
Chris anytime with your questions,
or if you need assistance with the
PADRAP website!**

**If you need a new Production
System approved right away let us
know by email or by phone.**

www.padrap.org/swine

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There are ten ARC projects that are currently in progress across the U.S. and Canada. ARCs started in 2005 in Stephens County Minnesota lead by Dr. Bob Morrison from the University of Minnesota. With Stevens County, Minnesota setting an example of a successful PRRS control program, many other regions have begun their own initiatives. In 2009, Western Michigan and Western Illinois started their regional projects. In 2009, western Michigan and western Illinois started their regional projects. Several other regions followed suite in 2010 including Iowa County, Iowa.

The objectives of the Iowa County PRRS Control Project are: 1) to demonstrate and develop steps needed to implement a regional PRRS control program, 2) study the impact of PRRS virus movement within a prescribed area over time, 3) study the impact of pig movement on the PRRS virus into and within the study area, and 4) reduce the prevalence of the PRRS virus within the selected area. There are 34 production sites in the project area, 6 of which are empty, 18 have been enrolled, and 9 sites are left to enroll. Initial and routine sampling is ongoing. Surveillance sampling is conducted utilizing PCR virus identification and sequencing and antibody testing (ELISA) at the Iowa State University Veterinary Diagnostic Laboratory. Where possible, particularly in grower sites, the use of oral fluids collected on cotton ropes are preferred if infection is suspected. Monitoring efforts will be implemented to measure the success of herd plans, to identify in-bound virus sources, and to evaluate area spread. Breeding herds are tested at six month intervals to update site classification. Nursery and grower sites are tested at six month intervals on continuous flow sites and at placement and at harvest for AIAO managed sites. Any site that experiences clinical signs consistent with a PRRS outbreak should collect oral fluids for virus identification and sequencing. This activity enables better understanding about virus sources and potential movement.

- By Tiffany Yoder MS, Iowa County PRRS ARC Project Coordinator