



A tool for pork producers.....what is PADRAP?

The Production Animal Disease Risk Assessment Program (**PADRAP**) is a set of questions that once completed can help determine your farms' highest areas of risk for contracting/spreading PRRS. There are currently two questionnaires available within PADRAP:

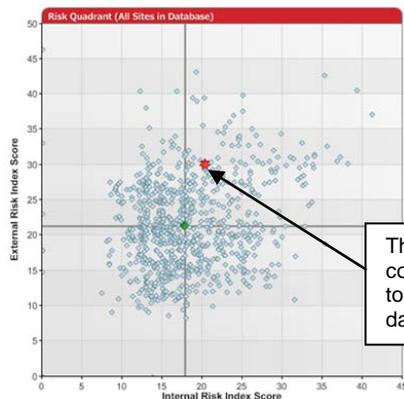
1. PRRS Risk Assessment for the Breeding Herd
2. PRRS Risk Assessment for the Growing Pig Herd

How does it work?

Each site within a production system is initially assessed by a specially trained veterinarian, then re-evaluated annually to monitor the progress of biosecurity improvements and to track the presence/absence of PRRS. PADRAP questions target internal risks (bio-management of virus already present) and external risks (bio-exclusion of virus not present). The assessed site is given a risk index score which is compared to other sites in the database to help determine which variables produce the greatest chances for acquiring PRRS. Five different reports can then be generated and immediately viewed by the veterinarian and shared with site personnel.

Results – Benchmarking Reports

Five reports are available for each site, starting with a big picture or overview comparing your site to all the others in PADRAP. Each report drills down to help determine what categories your herd is at the highest risk for contracting PRRS – this helps point out areas to focus on for improvement. “What if” scenarios can be utilized to predict change in risk levels by altering or adding new biosecurity protocols.



Risk Profile Report – “more bars bad, less bars good”. Shows relative risk of your site vs. other sites.

Category/Question	Score	Rank
Overall	16.83	29.46%
Internal Risks	24.07	87.98%
Circulation Risks	34.06	96.44%
Herd and Site Characteristics	27.93	69.63%
PRRSV Status	40.11	98.92%
Management	28.2	32.52%
Immune Management	10.76	17.46%
Managed Exposure	10.76	17.46%
External Risks	15	17.34%
Pig Related	18.61	37.41%
Live Animals	15.36	8.78%
Animal Components	20.56	64.04%
Non pig Related	12.97	14.53%
Operations	11.37	29.03%
Location / Proximity	16.77	12.13%

Why should we use it?

PADRAP helps producers and their veterinarians tackle two fundamental questions when it comes to reducing the impact of PRRS:

1. How do we reduce the frequency of outbreaks in PRRS-positive herds
2. How do we keep PRRS-negative herds negative?

Benefits:

- Helps evaluate current biosecurity protocols and/or develop new biosecurity protocols to avoid risk
- Demonstrates improvement in biosecurity over time to help justify expenditures of resources on measures to improve biosecurity
- Aids in the decision to initiate a project to eliminate PRRS virus from a site
- Assists in the decision to use a breeding herd site to produce genetic animals
- Part of the due diligence process for purchases or contracting agreements
- Tool for regional PRRS elimination or control projects
- Help the swine industry determine which factors are most significant for PRRS control/elimination

PADRAP belongs to the American Association of Swine Veterinarians (AASV) and is managed by Iowa State University.

Names and data are confidential and not released without written consent from the pork producer.

For more information contact your local swine veterinarian or Dr. Derald Holtkamp at Iowa State University

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