

Veterinary Medicine

Past

- Disease Treatment
- Pharmacist
- General practitioner

Present

- Disease prevention
- Decreased emphasis on drugs/products
- Knowledge worker
- Information Processor
- Health monitoring

Diagnostics

- Bacteriology
 - Culture/sensitivity
 - Serotyping
- Serology (ELISA)
- Virus isolation
 - PCR
 - sequencing
- Histopathology
 - IHC
 - FA

A Different Approach

- Evaluate whole farm (holistic approach)
- Antibiotics can be crutches
 - Use when necessary (life/death)
- Use management (knowledge) to solve issues
 - Pigflow, scheduling, genetics, records, vaccination use/timing

Steps for Success

- Build relationship
 - trust, regular visits, knows family and goals
- Background history
 - Dx, past problems, no “shotguns or guesses”
- Develop strategy
 - specific and measurable
- Implement strategy
- Monitor system--Accountability

Summary

- Find a practitioner interested in YOU and build a relationship
- Dx needed-no more shotgun approaches
- Records, Records, Records
- Utilize a full “team”-nutritionist, extension, marketing, other producers
- Each farm is different--no “one size fits all”



Take Home Message

- Build a solid, long-term relationship with a competent advisor that is good for all parties.



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Case Study-Relationship

- Met at PFI meetings and farm demonstrations
- Commensal vs. parasitic
- Intimate knowledge of farm
- Share production, financial, mgmt, health information
- Open minded (all parties)
- Long term commitment

Case Study-Background

- Little “hard” information available
- Initial farm visit 2-19-03
 - 6 areas to cover
 - Records
 - Mortalities
 - Sow productivity
 - Feed utilization
 - Mange
 - Disease profile

Case Hx-Strategy

- Records
 - ISU group tracker, G/F 2yr avg
 - Mortality-13.4% (2.6-39.9)
 - ADG-1.32
 - FE-3.99

Case Study-Strategy

- Mortalities & Dz profile
 - Whole herd diagnostics 3/24/03
 - 6 live young pigs
 - Salmonella, hemolytic E. coli, Strep, M. hyo
 - 5 live finisher pigs
 - Salmonella, Strep, M. hyo, Lawsonia, Ascarids
 - Modify Lawsonia and M. hyo timing, implement Salmonella vaccination

Case Study-Strategy

- Feed utilization
 - Particle size analysis
 - nursery 911 microns
 - finisher 1229 microns
 - turned hammers & smaller screen
 - Feeder adjustment-replacement
 - wastage of >10%

Case Study-Strategy

- Mange/Ascarids
 - Ivomec-review dosage, timing, duration
 - Considering elimination program
- Sow productivity
 - ongoing discussions
 - what's the cost for not culling poor sows

Case Study-Monitor System

- Routine (4-6wk) visits
 - review past issues-identify new areas
- Necropsy
 - showed essence of vaccine timing
- Latest closeout (new vaccinations)
 - Mortality 1.7%
 - ADG 1.57
 - FE 3.48