

*People. Pigs. Planet.™*

## Sustainable Farming Panel Discussion & Live Barn Tour

2019 ANNUAL MEETING

---

---

---

---

---

---

---

---

### Panel Participants

Presenter	Topic
<b>Rebecca Schroeder</b> Whiteshire Hamroc Albion, Indiana	Today's Pork & Nutrition
<b>Keith Schoettmer</b> Schoettmer Prime Pork Tipton, Indiana	Sustainable Pork
<b>Matt Ackerman, DVM</b> Pork Veterinary Solutions New Palestine, Indiana	Responsible Antibiotic Use
<b>Maddie Hokanson</b> South Dakota State University	Live Pig Barn Tour

---

---

---

---

---

---

---

---

*People. Pigs. Planet.™*

## Sustainable Farming Healthy Pigs = Healthy Food

**Rebecca Schroeder**  
**Whiteshire Hamroc**  
**Albion, Indiana**

---

---

---

---

---

---

---

---

### 60 Year Success Story



- **Today's pork:**
  - 8 cuts meet USDA guidelines for lean protein
  - 2 certified as heart-healthy American Heart Association
- **Today's Pig Farming:**
  - Uses less land, water, energy
  - Reduced carbon footprint

---

---

---

---

---

---

---

---

### Today's Healthier Pig

Pigs are 75% leaner than in the 1950s.

1950s Pig



Today's Pig




---

---

---

---

---

---

---

---

### Raising Healthy Pigs Requires

- Proper Diet/Nutrition
- Fresh Water
- Vaccinations
- Barn Sanitation
- Biosecurity/Disease Prevention Measures
- Veterinary Oversight
- Disease Treatment/Prevention




---

---

---

---

---

---

---

---

### Nutrition & Pig Health

- Swine nutritionist support
- Nutrients for age, weight, gender:
  - Amino acids
  - Calories, carbs, fats
  - Vitamins and minerals
- 8 - 10 feed formulations
- Corn and soybeans



---

---

---

---

---

---

---

---

### Specialized Barns & Pig Health

- Protection: Weather, predators, disease
- Constant levels of care and nutrition
- Feed and water monitored per pig's growth cycle
- Identification of illness or injury and precise recordkeeping



---

---

---

---

---

---

---

---



---

---

---

---

---

---

---

---

### USDA Study Shows

- Pork tenderloin lean is as skinless chicken breast.
- Eight most common cuts are 16% leaner.
- Saturated fat down 27%.



USDA, University of Wisconsin-Madison, University of Maryland

---

---

---

---

---

---

---

---

### Healthy Pigs = Healthy Food



**American Heart Association® has certified pork tenderloin and pork sirloin roast as a heart-healthy foods with its iconic Heart-Check mark.**




---

---

---

---

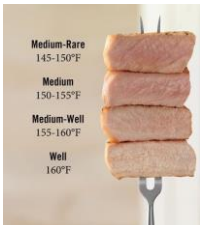
---

---

---

---

### Leaner, Safe Pork = Less Cooking



USDA guidelines updated for whole pork cuts.

---

---

---

---

---

---

---

---








---

---

---

---

---

---

---

---




---

---

---

---

---

---

---

---

Today's Healthier Pig

Pig farms are more efficient than ever.

Pig farmers have learned to do **MORE WITH LESS** by embracing technology and using better management practices, such as:

- Enhanced Genetics
- Better Nutrition
- Improved Barns
- Better Biosecurity

In 1959, it took eight pigs (including breeding stock) to produce 1,000 pounds of pork. Today, it takes just five pigs.

---

---

---

---

---

---

---

---

### Raising Healthy Pigs Requires

- Proper Diet/Nutrition
- Fresh Water
- Vaccinations
- Barn Sanitation
- Biosecurity/Disease Prevention Measures
- Veterinary Oversight
- Disease Treatment/Prevention




---

---

---

---

---

---

---

---

### Sustainable Pig Farming

- U.S. pork production increased 84% from 1960 to 2015
- At same time environmental impact decreased through:
  - Advancements in pig breeding
  - Improved pig feed and watering systems
  - Smart Barn technology
  - Increased crop yields



University of Arkansas – A Retrospective Assessment of U.S. Pork Production: 1960 to 2015

---

---

---

---

---

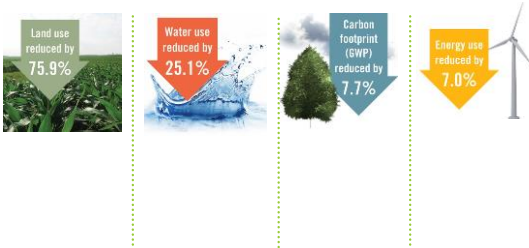
---

---

---

### Sustainable Pig Farming

Environmental impact reduced per pound of pork: 1960 - 2015



University of Arkansas: [A Retrospective Assessment of U.S. Pork Production: 1960 to 2015](#)

---

---

---

---

---

---

---

---





### Responsible Antibiotic Use

Farmers are working to:

- Prevent disease, rather than treat disease
- Reduce the need for antibiotics
- Protect antibiotics for humans and pigs




---

---

---

---

---

---

---

---

### Responsible Antibiotic Use

- Based on veterinarian oversight
- In strict compliance with FDA rules
- Using only what's needed for pig's health




---

---

---

---

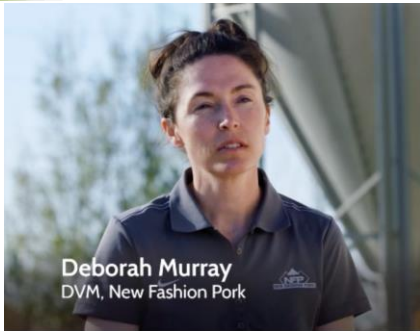
---

---

---

---

### New Fashion Pork




---

---

---

---

---

---

---

---

### Responsible Antibiotic Use

FDA approved to:

- Treat illness
- Control spread of illness
- Prevent illness when pigs are vulnerable to disease, e.g. when piglets are weaned




---

---

---

---

---

---

---

---

### Responsible Antibiotic Use: All Food Animals

Updated rules for **medically important** antibiotics

Veterinarian's written authorization:

- Disease treatment
- Prevention
- Control

No growth-promotion/feed efficiency




---

---

---

---

---

---

---

---

### Pork's Responsible Use Programs



- Pork Quality Assurance Plus educates pig farmers about good on-farm production practices, including responsible antibiotic use.
- 73,000 pig farmers have been certified and 18,678 farms have undergone assessments.

---

---

---

---

---

---

---

---

Antibiotic Safeguards

**FSIS tests meat to ensure:**

- It is safe.
- No harmful antibiotic residues enter the food supply.




---

---

---

---

---

---

---

---

Antibiotic-Free Pork

“If a pig is sick, or at risk of getting sick, it should receive judicious antibiotic treatment.”

American Association of Swine Veterinarians




---

---

---

---

---

---

---

---

**Matt Ackerman, DVM**  
**Pork Veterinary Solutions**  
**New Palestine, Indiana**

Thank You

---

---

---

---

---

---

---

---

Live Pig Barn Tour



Brookings, South Dakota



---

---

---

---

---

---

---

---

Live Pig Barn Tour



Maddie Hokanson



---

---

---

---

---

---

---

---

Live Pig Barn Tour



---

---

---

---

---

---

---

---

*People. Pigs. Planet.™*



This message funded by America's Pork Producers

---

---

---

---

---

---

---

---

