

People. Pigs. Planet.™

Sustainable Farming Panel Discussion & Live Barn Tour



Panel Participants

Presenter

Topic

Rebecca Schroeder

Whiteshire Hamroc
Albion, Indiana

Today's Pork & Nutrition

Keith Schoettmer

Schoettmer Prime Pork
Tipton, Indiana

Sustainable Pork

Matt Ackerman, DVM

Pork Veterinary Solutions
New Palestine, Indiana

Responsible Antibiotic Use

Maddie Hokanson

South Dakota State University

Live Pig Barn Tour

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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

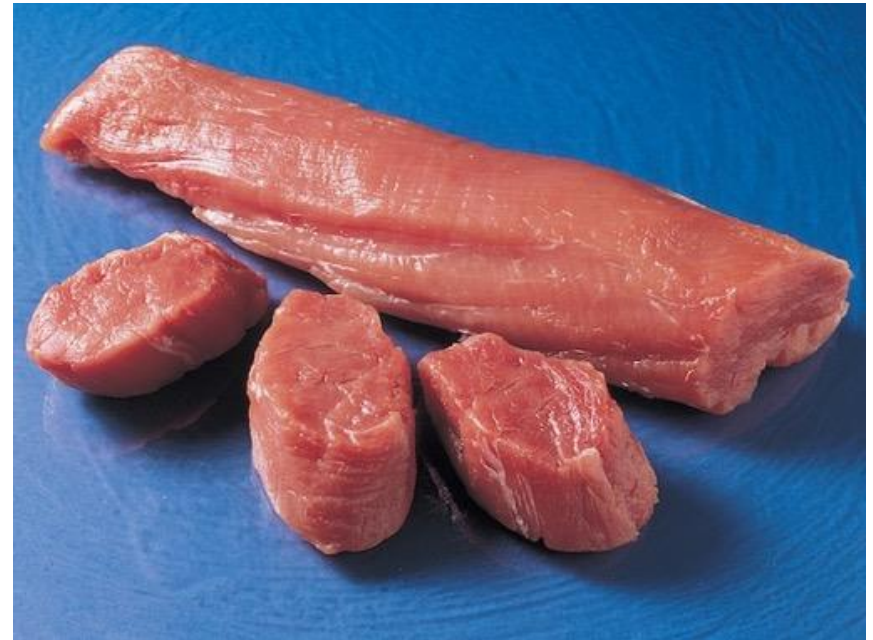


Healthy Pigs = Healthy Food



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

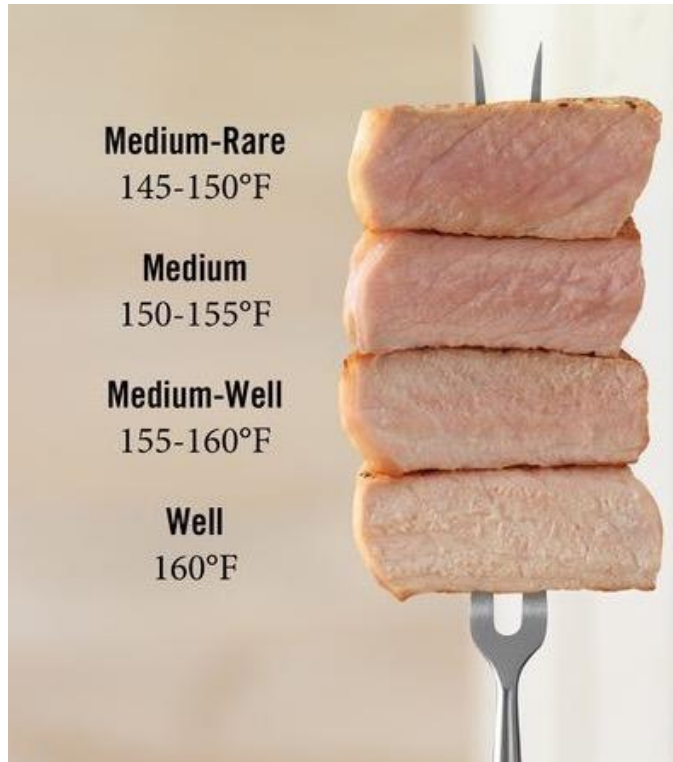
Healthy Pigs = Healthy Food



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 Pork

Based on 3 ounce Serving of Pork

Nutrient	% of Daily Value
Iron	5%
Magnesium	6%
Phosphorous	20%
Potassium	11%
Zinc	14%
Thiamin	54%
Riboflavin	19%
Niacin	37%
Vitamin B12	8%
Vitamin B6	37%

Source: United States Department of Agriculture National Nutrient Database for Standard Reference, April 2018

THE POWER OF PORK



PORK IS HIGH IN PROTEIN

PORK TENDERLOIN = 122 CALORIES

22G PROTEIN

PORK LOIN = 159 CALORIES

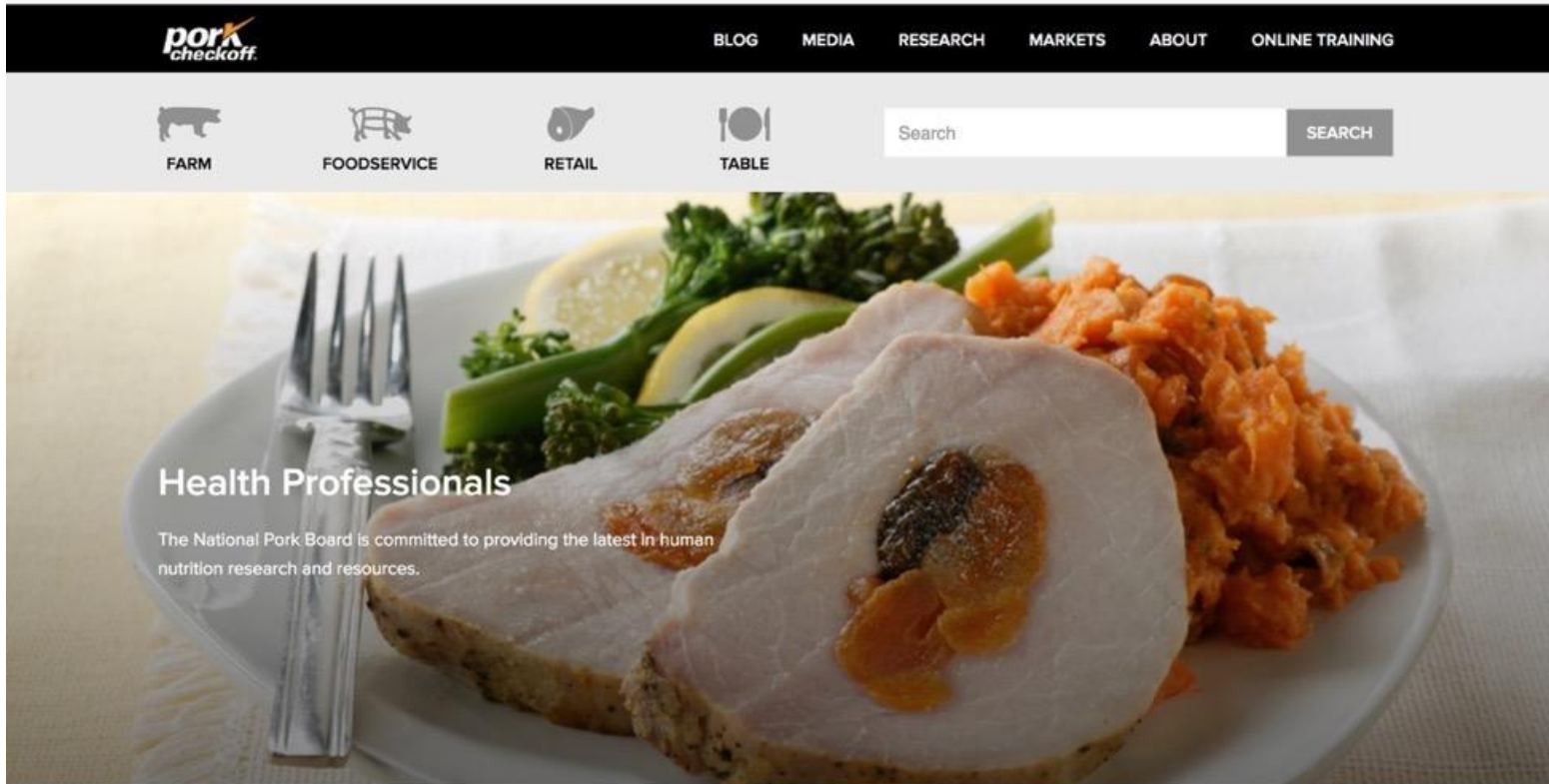
PORK SIRLOIN = 173 CALORIES

24G PROTEIN



Source: U.S. Department of Agriculture National Nutrient Database for Standard Reference, April 2018

www.pork.org/health/



HOME > HEALTH PROFESSIONALS



Rebecca Schroeder
Whiteshire Hamroc
Albion, Indiana

Thank You

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Sustainable Farming 60 Year Success Story

Keith Schoettmer
Schoettmer Prime Pork
Tipton, Indiana



Sustainability

“..meets the needs of the present without compromising the ability of future generations to meet their needs.”

Source: U.N. World Commission on Environment and Development





Sustainable Farming
=
Traditional Methods
+
New Technologies



Healthy Pigs Drive Sustainable Farming

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



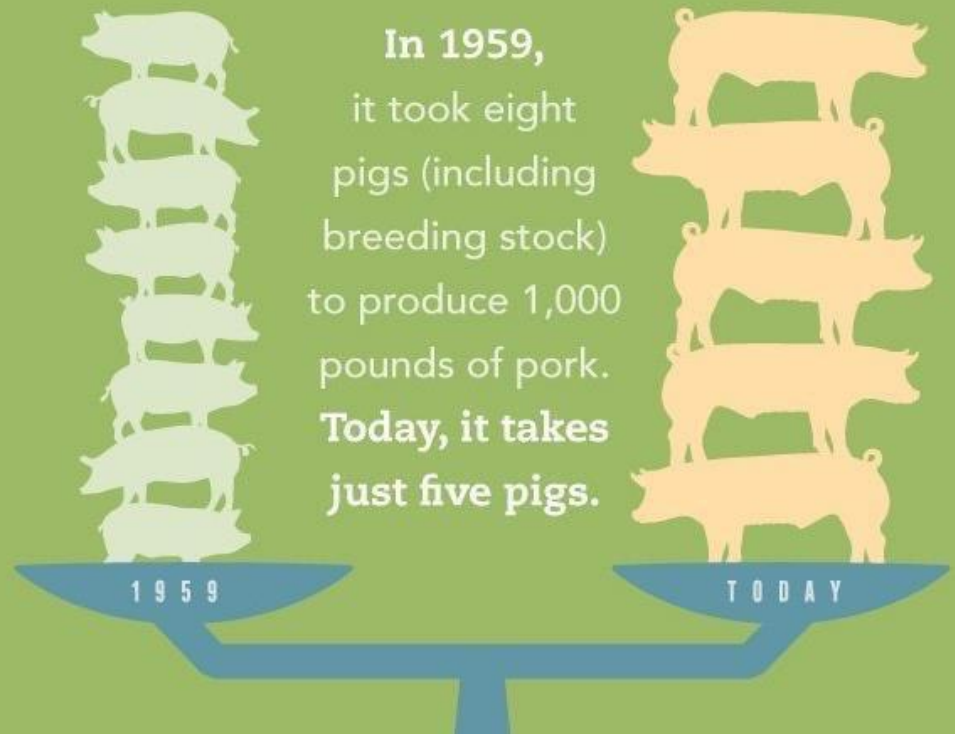
Better Nutrition



Improved Barns



Better Biosecurity



Raising Healthy Pigs Requires

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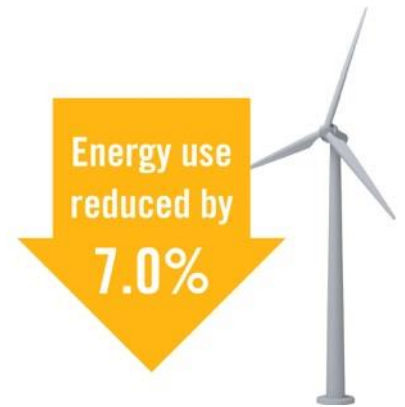
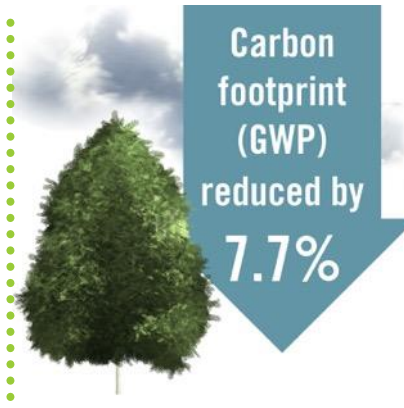
Sustainable Pig Farming

- 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



Sustainable Pig Farming

Environmental impact reduced per pound of pork: 1960 - 2015



Keith Schoettmer
Schoettmer Prime Pork
Tipton, Indiana
Thank You

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Sustainable Farming Responsible Antibiotic Use

Matt Ackerman, DVM
Pork Veterinary Solutions
New Palestine, Indiana



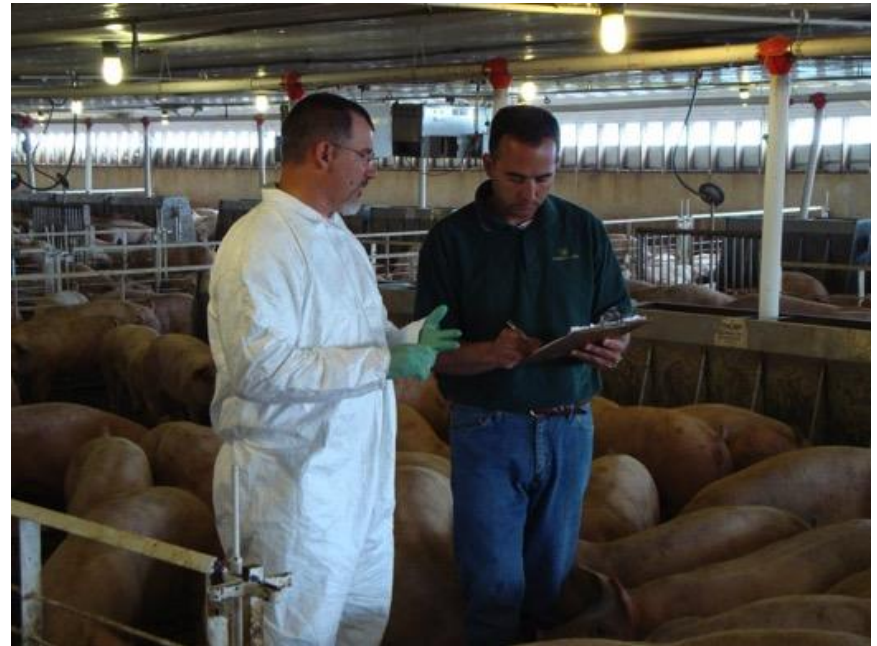


Raising Pork Responsibly

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



Deborah Murray
DVM, 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:

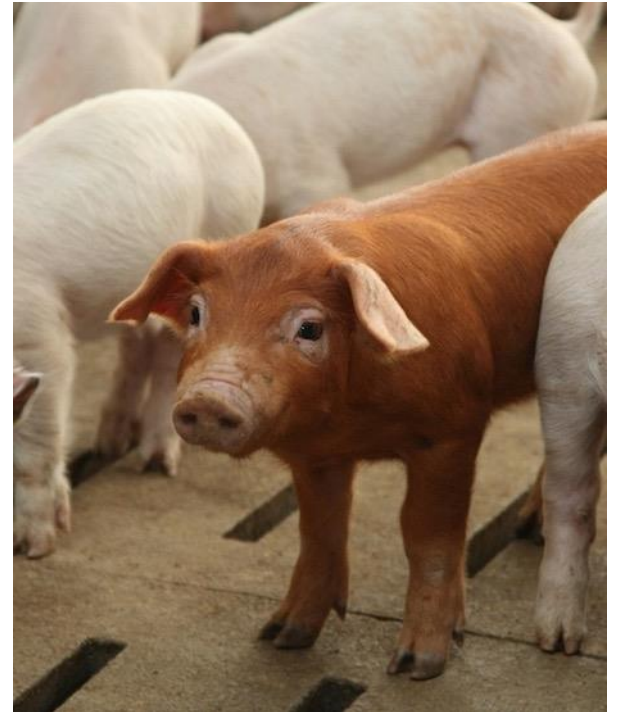
- It is safe.
- No harmful antibiotic residues enter the food supply.



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



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Maddie Hokanson



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