Show Animals – Challenges at the Packer

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Show Animals – Packer Challenges

- ✓ **Residue Sampling** Product on hold, tracking, loss of product, etc
- ✓ **Scheduling** USDA/FSIS requests that all fair animals are harvested at the first of the day or A Shift (due to increased sampling)
- ✓ **Carcass Data** Cattle – typically require tag transfer and carcass data collection = more people
- ✓ **Mobility** Cattle – must be able to walk to the restrainer/knock box or condemned
- ✓ **Bruises/Injection Sites** Trim loss = $$ loss

USDA/FSIS RESPONSIBILITY

National Residue Program for Meat, Poultry and Egg Products – 2015 Sampling Plan:

- Designed to identify, rank and test for chemical contaminants in meat, poultry and egg products.
- Administered under the Federal Meat Inspection Act (FMIA 21 USC 601); Poultry Products Inspection Act (PPIA 21 USC 453) & Egg Products Inspection Act (EPIA 21 USC 1031).
- Purpose is to protect health & welfare of consumers by regulating meat, poultry & egg products produced in federally inspected establishments and to prevent the distribution in commerce of any such products that are adulterated or misbranded.

US National Residue Program (NRP)

Chemical Compounds Include:

- Approved and unapproved veterinary drugs, pesticides and environmental compounds (i.e. Penicillin – Pro-Pen G™, Sulfadimethoxine – SulfaMed G™, Desfuroylceftiofur - Excenel®, Flunixin - Banamine®, Oxytetracycline - Oxyvet®, Neomycin; Tranquilizers: Acepromazine, Xylazine - Rompun®, Clenbuterol)

Designed to:

1. Provide structured process for identifying and evaluating chemical compounds used in food animals
2. Analyze chemical compounds of concern
3. Collect, analyze and report results
4. Identify the need for regulatory follow-up

US National Residue Program (NRP)

Basics:

- Collecting and analyzing samples of meat & poultry since 1967
- Violation = FSIS laboratory detects a chemical compound level in excess of an established tolerance or action level; or no approved level
- Enters detailed residue violation information into FSIS Residue Violation Information System
- FSIS informs the establishment (processing plant)
- FSIS shares violation data with EPA and FDA
- FDA and cooperating State agencies investigate producer
- Weekly ‘Residue Repeat Violator List’ published

Sampling Scheme - Increased in 2015

Tier 1

Scheduled Sampling

- Baseline Level
- ~800 samples / class tested

Tier 2

Targeted Sampling – Inspector Generated

- PHV detects disease or show animals
- Screen - KIS Test
- Positive samples sent to Midwestern Laboratory for identification and quantification of contaminants

Tier 2

Targeted Sampling – Agency Driven

- Exploratory Assessments

Tier 3

Targeted Herd

- Exploratory Assessments of whole herd

US National Residue Program (NRP)

KIS Test:

Kidney Inhibition Swab Test – antibiotic detection test for kidney tissue; ~3 hours

Yellow or yellow/green colors are negative

Blue/purple colors are positive. Assure purple color throughout vial.

US National Residue Program (NRP)

Test & Hold:

- As of 2013, FSIS requires producers to hold or maintain control of lots of product tested for adulterants until acceptable results become available
  - If in-plant test is NEG, released
  - If in-plant test is POS, held pending laboratory testing
    - Locked Cage for ??? days
    - Acceptable = Release if not too old
    - Violative = Condemn

US National Residue Program (NRP)

Suspect Animal Populations:

- 9 CFR 310.21 - Carcasses suspected of containing sulfa and antibiotic residues; sampling frequency; disposition of affected carcasses and parts
- Directive 10,800.1 Rev. 1 – Residue Sampling, Testing and Other Verification Procedures Under the National Residue Program for Meat and Poultry Products
  - Show Animal provision

Directive 10,800.1 Rev. 1

Testing of Show Animals (Page 9, Section VI)

- Lot – All animals presented for inspection each day from a single fair or livestock show that are otherwise healthy and have an equal chance of being selected for testing.

NOTE – Live animal testing performed at fairs does NOT change FSIS requirements for show animal testing.

Directive 10,800.1 Rev. 1

Healthy – select randomly from lot

Number of Livestock Animals / Lot	Number of Animals Tested
1 – 10	1
11 – 50	2
51 – 100	3
100+	4

Unhealthy/Suspect

- Any animal that appears unhealthy or is suspected of having antibiotic residues (e.g., injection site, evidence of disease process)

What Does Tyson Do?

Residues are a Chemical Hazard in HACCP Plan, so…

- Cattle & Hogs
  - –Affidavit and Treatment Record
  - –Agent/Leader required to provide with incoming truck
  - –Includes statements re: drug withdrawl adherence and zero residue as a result; as well as zero use of Zilpaterol hydrochloride for cattle

What Does Tyson Do?

Tyson Fresh Meats, Inc.

Animal I.D. ear tag number(s) or notches

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

Individual or Pen Animal Treatment Records

Animal ID or Pen Location	Product Name	Treatment Date	Amount of Drug Given (cc, water or feed concentration)	Route (feed, water injectable by IM or SQ, topical)	Remarks/Initial Person who Administered	Withdrawal Time Needed Before Harvest	Date Withdrawal Completed

Tyson Fresh Meats, Inc.

County Fair Swine Affidavit
Animal Care and Management Disclosure Statement

Please print

Last Name _____ First Name _____

County _____ Premise ID # _____

As a youth livestock producer, I understand that I have an obligation to be a responsible producer and that all market animals will enter the food chain and become edible food products for the consuming public. This subjects every exhibit animal to all state and federal regulations involving proper drug usage and all Food & Drug Administration, Animal Plant Health Inspection Service, Food Safety Inspection Service, and Environmental Protection Agency regulations.

☐ We, the undersigned, certify that we have **read, understand, and will abide by** all rules and regulations of the local county 4-H/FFA fair. We agree to the condition that these exhibit animals (identified on this form) may be screened for violative residues and foreign substances. Also, as a condition of entry, exhibitor agrees to a background check for any past disqualifications from other livestock shows.

☐ We have completed the Treatment Records Information Form for any injectable, water, or feed medication, pesticide, or other substance that has been administered to exhibit animals. Use of these products may require additional time to meet legal withdrawal limits before harvest. We have also completed a minimum withdrawal period of no less than 14 days prior to harvest for any feed or water Tetracycline class antibiotics. **"We certify that we have reviewed the treatment and feed medication records for all exhibit swine and they meet or or exceed the suggested withdrawal periods for Japan Maximum Residue Levels (MRLs) of pharmaceutical products listed on the National Pork Board website."**

Updated January 2015

BEEF

Iowa 4-H Animal Care and Management Disclosure Statement (Drug Affidavit)

Please print

County _____ Premise ID # (optional) _____

Last Name _____ First Name _____

As a youth livestock producer, I understand that I have an obligation to be a responsible producer and that all animals will enter the food chain and become edible food products for the consuming public. This subjects every exhibit animal to all state and federal regulations involving proper drug usage and all Food & Drug Administration, Animal Plant Health Inspection Service, Food Safety Inspection Service, and Environmental Protection Agency regulations.

- We, the undersigned, certify that we have **read, understand and will abide by** all rules and regulations of the local county 4-H & FFA fair, or the 4-H division of the Iowa State Fair. We agree to the condition that these exhibit animals (identified on this form) may be screened for violative residues and foreign substances. Also, as a condition of entry, exhibitor agrees to a background check for any past disqualification from other livestock shows.
- We have completed the Treatment Records information on the back of this form for any injectable, water, or feed medication, pesticide or other substance that has been administered to exhibit animals. Use of these products may require additional time to meet legal withdrawal limits before harvest.
- We certify that our exhibit animals have completed any withdrawal time relative to the administration of any legal drug, vaccine or other substance, and are in compliance with applicable FDA and USDA regulations (and similar state regulations) concerning drug residues and withdrawal periods.
- We certify that these exhibit animals have not received drugs that are not in compliance with label indications or, if applicable, the requirements of the regulations codifying the Animal Medicinal Drug Use Clarification Act amendment to the Federal Food, Drug, and Cosmetic act (under the direction of a valid Veterinary/Client/Patient relationship).
- If violations are detected, appropriate state and federal authorities will be notified, and regulatory action can be expected. Also exhibitors will be subjected to penalties as determined by show management.

What Do You Do?

What responsibility do parents, youths, leaders have in raising livestock?

- Follow industry best practices – BQA/PQA
- Follow drug label withdrawal times
- Communicate if you have missed a withdrawal time
- Understand we are all responsible for producing safe food

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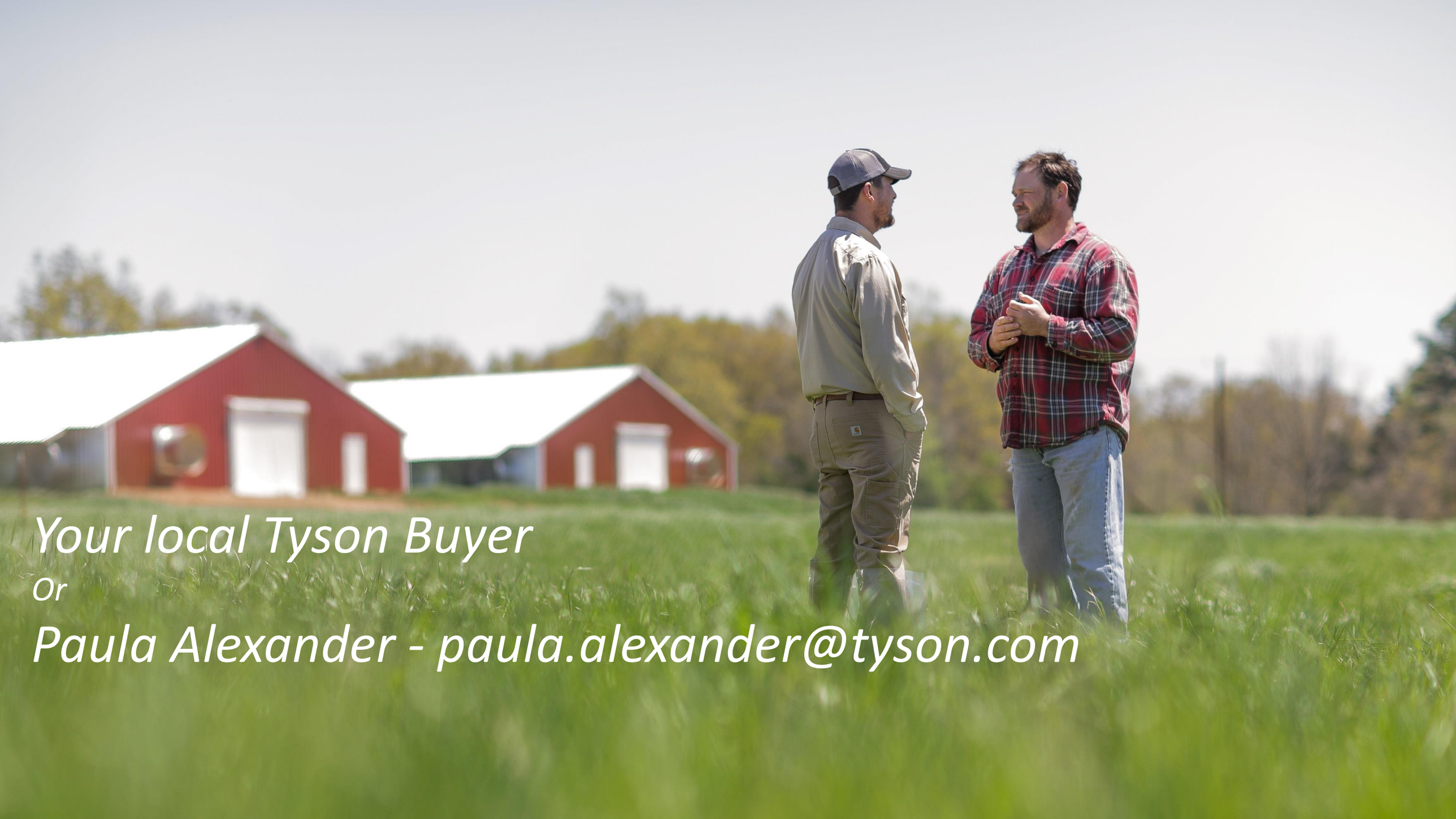

Your local Tyson Buyer

Or

Paula Alexander - paula.alexander@tyson.com

Helpful Resources

- 9 CFR 310.21
- Directive 10,800.1 Rev. 1
- Repeat Violator List
- FDA Veterinary Drug Compliance Enforcement
- National Residue Program
- Food Animal Residue Avoidance Databank

Thank You