July, 2014

Dear 4-H Swine Exhibitor:

Fair time is just around the corner. Here are some reminders as you prepare for the 2014 Iowa State Fair.

**BE SURE TO READ YOUR 2014 STATE FAIR 4-H PREMIUM BOOK**

**ONLINE at:** [http://www.extension.iastate.edu/4h/StateFair/livestock.htm](http://www.extension.iastate.edu/4h/StateFair/livestock.htm)

**ESPECIALLY THE REQUIRED SECTIONS**

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**4hOnline Reminder:**

Be sure ALL animals you bring have been identified in 4hOnline AND have a 4-H DNA tag or they won’t be allowed to show

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**Livestock Release Procedure**

- To help alleviate traffic congestion and expedite load out procedures, the same process for livestock release will be used this year. Please familiarize yourself with the following steps. Cooperation from all exhibitors is greatly appreciated and should provide a better experience for everyone.
  1. Exhibitor will go to the barn office to obtain a release form no earlier than 30 minutes before scheduled release time.
  2. Exhibitor will take the release form to the appropriate trailer lot to receive their load-out mirror hanger. **ALL vehicles picking up livestock MUST** go to a trailer lot to get a load-out mirror hanger before being allowed on the Fairgrounds.
  3. Trucks and trailers will be lined up according to species/barn.
  4. Vehicles will be released from trailer lots to the Fairgrounds.

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**Important Reminders for 2014:**

- Market hogs must weigh between 225 – 300 lbs.
- Swine Check-In forms can be picked up in the swine office Saturday morning to be filled out; these MUST be filled out and brought with you to the office to pick up your t-shirt and exhibitor number
- **8 AM, Saturday - Swine Office will open to begin distribution of shirts, exhibitor numbers, and check-in forms**
- **8:30 AM, Saturday – Check-in will begin**
- **Drug Affidavits will be required for ALL swine, both breeding and market; be sure you indicate any and all medications/treatments your pigs have had since May 15th; drug testing will occur in both divisions**

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**NEW for 2014!**

Swine Skillathon Competition

More Info. – Last Page
General Reminders

- ALL check-in paint numbers MUST be legible on all pigs upon entering the ring and upon loading out for harvest
  - Pigs with illegible paint numbers will not be allowed to enter the ring or load the truck
  - Re-painting will be available after check-in, prior to the show and after the show if needed; report to the Show Office if re-painting is needed

Forms

- **Health papers** – completed and written within 30 days of exhibition. These must be stamped at the State Vet Office just south of the Cattle Barn before you can receive your T-shirt and exhibitor number. Check all health certificates for accuracy of ear tag numbers, ear notches and dates. It is very easy to transpose numbers, which doesn’t allow that animal to be exhibited. **Vet Office hours are from 8:00 a.m. – 5:00 p.m., so plan your arrival accordingly!!**
- Health certificates not completed properly will be denied and the owner will be required to obtain a new certificate at owner’s expense
- **Iowa 4-H Animal Care and Management Disclosure Statement (Drug Affidavit).** ALL medications and treatments from May 15th to present (check-in day) MUST be listed on the disclosure statement for ALL SWINE ANIMALS. This statement **MUST BE COMPLETED AND SIGNED** before you receive your T-shirt and exhibitor number. Remember: ANY treatment OR medication on the fairgrounds MUST be administered by the official State Fair Vet.
- **Swine Check-In Forms:** (for market and breeding swine) This form MUST be filled out upon your arrival and before you can check in your pigs. **Absolutely no changes will be allowed on the check-in form (selling/not selling commercial gilts) once handed in during check-in on Saturday.**
- Registration papers are REQUIRED to be turned in at check-in time
  - Only original papers are acceptable; NO faxes will be allowed
  - Litter registrations will be accepted
  - Be sure ear notches match your ID information in 4hOnline!!
  - All purebred pigs must meet the breed registry requirements
  - Papers must be in the 4-H’ers name or show a logical family relationship

Other Health Reminders

- New as of July 9, 2004 – Iowa advances to Stage V for pseudorabies – eliminating the need for native Iowa swine to be tested prior to exhibition at the State Fair. Due to the Stage V status, 4-H pigs may arrive after 4:00 a.m. on Saturday, August 9th. **Swine MUST NOT and CANNOT arrive before that as the barn will not be ready and pigs will not be able to be unloaded.**
- With legislation changes, breeding gilts returning home will not need to be re-tested negative for pseudorabies.
- **Please** take special note of the drug withdrawal requirements from Swift and Company below. All hogs processed at Swift MUST follow these withdrawal times.

All of the 4-H hogs this year will be harvested at Swift in Marshalltown, and they have informed us that some of their requirements for drug withdrawals for export are more restrictive than U.S. withdrawals. Following are their requirements for withdrawals which are different from the product labels. **Label directions must be followed for all drugs and feed additives. ALL 4-H swine exhibited at the Iowa State Fair MUST follow these withdrawals requirements!!! The future of the 4-H swine show is dependant on every one of you following these guidelines!**

<table>
<thead>
<tr>
<th>Oxytetracycline Products</th>
<th>Form</th>
<th>U.S. withdrawal</th>
<th>Swift &amp; Company’s Required Withdrawal for Export</th>
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<td>Neo Terramycin 20/20</td>
<td>Feed</td>
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<td>14 days</td>
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<tr>
<td>OTC 50 &amp; 100</td>
<td>Feed</td>
<td>0-5 days</td>
<td>14 days</td>
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<tr>
<td>OXTC 50 &amp; 100</td>
<td>Feed</td>
<td>0-5 days</td>
<td>14 days</td>
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<td>Oxytet soluble</td>
<td>Water</td>
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<td>Terramycin TM 50</td>
<td>Feed</td>
<td>0-5 days</td>
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<td>Terramycin 343 soluble powder</td>
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<td>Polyotic water soluble</td>
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<td>14</td>
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<td>Tetracycline Hydrochloride soluble powder</td>
<td>Water</td>
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<td>14</td>
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<td>Tetracycline soluble powder</td>
<td>Water</td>
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<td>Tetrasure 324</td>
<td>Water</td>
<td>4</td>
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<td>Tet-Sol 324</td>
<td>Water</td>
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<td>T-Vet 324</td>
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<td>WJC Tet-Sol 324</td>
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<td>Chlortetracycline Products</td>
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<td>Aureomycin 50 granular, 90 granular, and 100</td>
<td>Feed</td>
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<td>Aureomycin soluble powder</td>
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<td>CSP 250</td>
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<td>CTC 50</td>
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<td>CTC soluble powder</td>
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<td>Fermycin soluble</td>
<td>Water</td>
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**Selling Your Hogs**

- You will have the option of marketing your commercial gilts along with the market hogs. Please indicate on the Swine Check-in form if you intend to sell your commercial gilts.
- Market pigs will be harvested at Swift in Marshalltown. You will stand the loss for any pig condemned and for excessive trim. The Iowa State Fair weigh-in parameters are 225-300. These are absolute weights. There will be severe discounts for underweight pigs.
- There will be severe price discounts for pigs weighing less than 210 pounds.

**Admission & Parking Tickets**

- If you don’t already have a vehicle parking pass, a Livestock Load-out pass will be needed to get your pickup and trailer on/off the fairgrounds throughout your stay. This pass does NOT serve as a parking pass; it just gets your truck/trailer into the gate to load/unload items. A Load/Unload pass will be mailed to each 4-H exhibitor; **BRING THIS WITH YOU TO THE FAIR!!! Please see page 1 above for the separate Release Form that’s needed when returning home from the fair.**
- If not pre-ordered, parking hang tags can be purchased in the Administration Building for $8.00 per day. These parking passes are good for Lot T only. **You are STRONGLY encouraged to pre-order your admission tickets and parking before the fair.** You can access the exhibitor ticket order form [here](#), and this is due to the State Fair office by July 20.

We look forward to working with you at this year’s Iowa State Fair.

Sincerely,

Mike Anderson, 4-H Livestock Supt.  Bill Drey, 4-H Swine Supt.

Enclosures:
- Iowa 4-H Animal Care & Management Disclosure Statement (drug affidavit)
- Producing Safe Food Includes No Residue in Show Animals
- Map
Check-in Process for 4-H Swine at Iowa State Fair

Step 1
• Work with your vet to acquire a health certificate that is dated within 30 days of arrival.
• Bring the health certificate to state fair.

Step 2
Before you leave home, please make sure you have the following forms filled out and complete. Missing forms or incorrect information on forms, could cause your pig(s) to be ineligible to show!
• Health Certificate of Veterinary Inspection
• Be sure your pig’s ear notches and/or tags and sex match the health certificate, 4hOnline Info., registration papers
• Original registration papers for purebred swine
• Care and Management Disclosure Statement (Drug Affidavit)

Step 3
• When you arrive at the State Fair, enter at Gate 8 and please proceed to the south side of the swine barn and move trucks and trailers from west to east.

Step 4
• Go to the 4-H Swine Office bulletin board to find out your pen numbers and their location in the barn.
• Unload your pigs in pens assigned for your county.

Step 5
• You will need your certificate of veterinary inspection (health papers) for all animals.
• Exhibitors must take their health papers to the Vet office to be stamped prior to moving to the next step. Vet Office hours are from 8:00 a.m. – 5:00 p.m., so plan your arrival accordingly!!

Step 6
• Saturday morning, report to the swine office to pick up your check-in forms to fill out
• Bring your completed check-in forms, stamped health papers, and drug affidavit (signed by both exhibitor and parent) to the 4-H Swine Office where you will receive the following:
  • 4-H T-shirt
  • Exhibitor number
  • Sign up for showmanship contest

Step 7
• Your check-in form will be returned to you after getting your shirt and exh. #. Your Check-in Form must accompany your pigs to the check-in/scales.
• If your pigs have checked correctly against the ID form and the registration papers (if applicable) you are ready for the next step.

Step 8
• At the weigh-in area keep your Swine Check-in Form with your pigs. When the first pig goes into the chute at the scale give the Check-in Form to the staff person. After weighing is completed, you will be given a copy of the Check-in Form. This copy will be your record of your pigs’ weights. All commercial gilts must be weighed in even if disqualified.

Step 9
Pen pigs, relax and enjoy the show and the Iowa State Fair.

If you have unforeseen trailer or traffic difficulties – please contact the 4-H Livestock staff and notify them of the situation by calling 515-262-3111 extension 381.
Market Swine
Iowa 4-H Animal Care and Management Disclosure Statement

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 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, 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 we have reviewed the treatment and feed medication records for all exhibit swine and they meet or exceed the suggested withdrawal periods for Japan Maximum Residue Levels (MRLs) of pharmaceutical products listed on the National Pork Board web site, http://www.pork.org/Producers/JapanMRL.aspx

❖ 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.

❖ We certify these hogs did not originate from a herd under quarantine and there has not been evidence of swine dysentery (Brachyspira hyodysenteriae) in this herd during the past twelve months.

❖ We certify the Premise ID number(s) provided is the location(s) the exhibit swine were housed prior to arriving at the show and the exhibitor has an active/current FSQA or Youth PQA Plus™ certification.

❖ Effective 9/30/08: COOL (Country of Origin Labeling) Compliance. By signing below, I/we hereby certify that all animals listed were born and raised in the United States; we have followed all COOL compliance guidelines, and have maintained the appropriate records to provide as proof of country of origin.

❖ We further certify the information provided below is correct and accurate, and that we have read and understand these regulations and may be relied upon by any person or entity accepting these animals for harvest.

__________________________________  __________________________________
Owner’s/Exhibitor’s Signature                  Parent or Guardian’s Signature

Date __________________

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

_________________________  __________________________
_________________________  __________________________
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Updated Nov. 2008
### Individual or Pen Animal Treatment Records

<table>
<thead>
<tr>
<th>Animal ID or Pen Location</th>
<th>Treatment Date</th>
<th>Product Name</th>
<th>Amount of Drug Given (cc, water or feed concentration)</th>
<th>Route (feed, water injectable by IM or SQ, topical)</th>
<th>Remarks/Initia ls or Who Administered</th>
<th>Withdrawal Time Needed Before Harvest</th>
<th>Date Withdrawal Completed</th>
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**Extension and Outreach**

… and justice for all

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4-H Livestock Entrance Gates

**Beef** – Enter at Gate 6

**Dairy Cattle** – Enter at Gate 6 or 8

**Dairy Goats** – Enter at Gate 8

**Dog** – Enter at Gate 8

**Horse** – Enter at Gate 8

**Horticulture** – Enter at Gate 6 or 8

**Meat Goat** – Enter at Gate 8

**Poultry** – Enter at Gate 2 or 3 (to get to Lot Q)

**Rabbit** – Enter at Gate 2 or 3 (to get to Lot Q)

**Sheep** – Enter at Gate 8 (via new Lot M)

**Swine** – Enter at Gate 8
Youth and 4-H
Producing Safe Food Includes No Residue in Show Animals

4-H’ers are among the people who produce food. Doing so in a safe way gives consumers confidence that the food they buy is wholesome and safe to eat. It’s more than Safe Food – it’s the law. So exhibitors must follow label instructions on all animal drugs, including those given to livestock that are brought to the fair.

People expect food to be pure and free of harmful residues. A residue is a substance that remains in an animal’s body tissues after the animal has been exposed to that substance. The substance can enter the animal’s body as a feed or water additive, as an injection or external treatment, or simply by accident. Some substances leave an animal’s body tissues a few hours after exposure, but other may remain several months, some may never entirely leave certain tissues.

To protect our food supply, the Food and Drug Administration (FDA) establishes and enforces rules about acceptable levels of particular residues. For some substances, no amount of residue is acceptable. The FDA also establishes withdrawal times for products to ensure that unacceptable residues are not in a product when it is marketed. It is illegal to sell animals or animal products that contain residues exceeding FDA limits.

This is the key to residue avoidance: use approved animal drugs according to their label instructions. By law, every animal drug must be approved by the FDA for all uses before it is available for producers to buy. Part of this scientific approval process involves determining how long it takes for illegal drug residues to leave the treated animal.

Producers must consider each product separately because each product, route of administration, or dosage may have a different withdrawal time to meet the FDA requirement. You will always find the withdrawal times printed prominently on the label.

In some cases, a drug given by one route may have a short withdrawal time, but the same product administered by another route may have a withdrawal time of weeks or months. This difference may result from the product being selectively tied up by one organ or tissue, i.e. oral aminoglycosides have a short withdrawal time, but if injected, withdrawal time can be months because of accumulation in kidney tissues. Therefore, using a different route or administering the drug to a different species can lead to unpredictable results and increase risks of residues.

FDA considers the presence of an illegal drug residue in an animal that is presented for slaughter to be prima facie (absolute, compelling) evidence that a drug was used in an illegal manner. So exhibitors must follow label instructions on all animal drugs, including those given to livestock that are brought to the fair.

USDA Food Safety and Inspection Service (FSIS) examines, and where necessary, tests slaughter animals to ensure that violative residues have not occurred. Random tests at slaughter or processing facilities indicate which food producers are not following the regulations. If illegal levels of a residue are found in the tissue of a slaughtered animal, or in milk, the U.S. Department of Agriculture will require a facility not to accept animals or products from the noncomplying producer until tests indicate products from that producer are safe. Perhaps the worst consequence of violating the FDA guidelines is loss of consumer confidence in food products from animals.

IOWA STATE UNIVERSITY
University Extension
USDA-FSIS uses two types of animal sampling procedures—objective and subjective. The objective phase is designed to randomly sample enough animals to detect a residue problem in all animals sold at one time. This program is an ongoing activity at all federally inspected plants. The subjective phase tests specific animals that may have a higher risk of violative residues. Animals with injection sites or other evidence of recent medication, animals from high-risk populations, and animals from high-risk situations may be targeted for increased residue testing.

Nationally and in Iowa, animals from exhibitions are considered to be a high residue risk populations, so they are tested at higher rates than other animals. In both the objective and subjective sampling phases, the owners of animals found to contain violative residues are subject to regulatory actions by FDA. Any residual amount of some illegal drugs (i.e. Clenbuterol, Chloramphenicol, DES, Ipronidazole, Fluoroquinolones, Nitrofurans) in food animals will result in significant regulatory actions including substantial fines and incarceration. Residue avoidance is serious business for all animal exhibitors.

Violative residues may occur from improper uses of antibiotics (injectable, water, powder, bolus forms), feed medications, and pesticides near slaughter. Treatment of animals before or during the fair requires careful selection of products to avoid those with extended withdrawal periods. Common errors that may lead to illegal residue include inadvertently feeding a medicated feed requiring a withdrawal period and improper selection of therapeutic drugs immediately before or during the fair. Use of tranquilizers or sedatives to calm animals during the fair or exhibition is illegal because none have been approved in food animals and use of tranquilizers can result in violative tissue residues. Using tranquilizers is also unfair to other exhibitors. Clenbuterol, a repartitioning agent not approved for any use in food animals in the USA, has been used in some exhibit animals. National news articles were written about this illegal activity. Heightened awareness of using a harmful illegal substance has stimulated amore intensive testing program for all livestock originating from fairs and exhibits. A very sensitive test has been introduced this year that will detect Clenbuterol usage for extended periods (one report estimated at least 150 days) after withdrawal. Previous tests could detect prior use for several days to weeks. This heightened scrutiny already has resulted in regulatory actions, including incarceration, at exhibitions where illegal Clenbuterol residues have been found.

Because of the greater regulatory activity and very unfriendly press reports about animals with residues being slaughtered at their facilities, some packers will no longer accept exhibition livestock for slaughter. A few more exhibition animals with violative residues may encourage other packers to stop purchasing these show animals. If others follow this lead, it is conceivable that terminal livestock exhibition, derby, and carcass shows would be impossible to conduct.

All exhibitors must be part of the solution to this problem by presenting residue-safe animals to the fair. Several easy steps can greatly reduce the risk of violative residues:

1. Use only legal animal drugs according to the approved label instructions.
2. Read the label to determine the appropriate withdrawal time
3. Ensure sufficient time to complete the withdrawal period before animals will be marketed.
4. Review all medications and feeds to be brought to the fair, and avoid those products requiring withdrawals.

Because of the increased regulatory and packer concerns, some fair committees may require exhibitors to sign an affidavit stipulating that withdrawal times are known and have been met for all treated animals. The four steps above should enable you to meet the requirements of any affidavit.

Prepared by James D. McKeel, extension veterinarian: Melva L. Berkland, communication specialist

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4-H Team Swine Skillathon

Sunday, Aug. 10
Iowa State Fair

Teams of 3 Compete

- Team Captain - Completed 8th grade & at least 4 years showing experience
- Two remaining team members - 3 or less years of experience in the swine project
- Teams do not have to be from the same county

Topics Include

- Quality Assurance
- Meats
- Breeding & Genetics
- Feeds/Nutrition
- Animal Care & Handling

What if I want to participate, but can’t find a team?
No problem - we’ll find a spot for you!

How do I register?
Sign up at the State Fair

Do you have to show pigs to participate?
Nope! However, one team member must have experience with pigs

Prizes

- Each participant will receive a shirt
- Top teams will receive prizes

More Info:
Amy Powell - ampowell@iastate.edu
Mike Anderson - mikeande@iastate.edu