

Welcome to tonight's livestock webinar

- ◆ Please dial 1 (888) 327-8914 US Toll Free or 1 (847) 944-7654 US Toll and use this passcode 9295 487# followed by the # sign, to listen to the wisline. The audio is through the phone.
- ◆ Please mute your phone! This minimizes any other noises so the webinar can be recorded as clear as possible.
- ◆ If you have questions please type them into the chat box in the lower left portion of the screen.
- ◆ Please fill out the evaluation via paper form in your county. County staff please mail me the forms.
- ◆ Folks at home: a follow up email with a link to an evaluation will follow.



March Livestock Learning Webinar Swine

Bernie O'Rourke, Extension Youth Livestock Specialist, UW Animal Sciences
 Pam Hobson, UWEX, 4-H Youth Development Specialist
 Alicia Prill-Adams, University of Wisconsin, Platteville, School of Agriculture
 Nate McConnell, University of Wisconsin, Platteville
 Jarred Searles, Nutritionist, Vita Plus



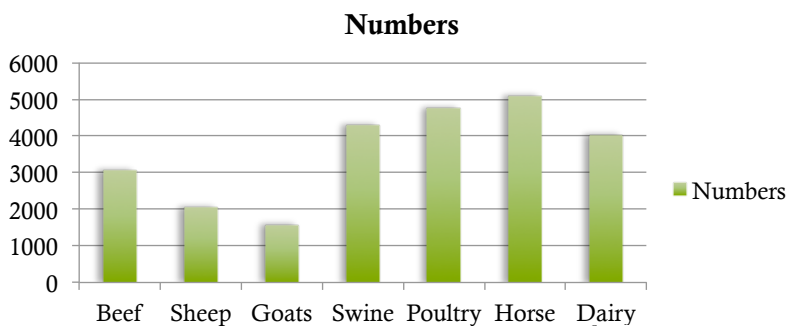
Polling slides

- ◆ 1. Do you live on a farm?
 - ◆ Yes
 - ◆ No
- ◆ 2. How many years have you been in an animal project?
 - ◆ 0-3 Years
 - ◆ 4-6 years
 - ◆ 7-9 years
 - ◆ 10 and up
- ◆ 3. Rate your knowledge of your project animals?
 - ◆ Have not a clue
 - ◆ I know enough to get by
 - ◆ I wrote the book



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2012 Project Numbers



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HOME ABOUT CALENDAR MAQA PROGRAMS + RESOURCES + LINKS

Ag Truths Not Tails Conference – Jan 24-25

03. JAN, 2014

Interested in learning and practicing skills to join the next generation of communicators for Wisconsin's livestock and dairy industry? Mark your calendar for the Ag Truths, Not Tails conference, coordinated by the University of Wisconsin-Extension. Enrollment is open to youth ages 13 to one year past high school in dairy, beef, sheep, swine and goat [...]

[Read More](#) <http://fyi.uwex.edu/youthlivestock>

Beef, Events, Meat Goats, Sheep, Swine

agvocacy, animal husbandry, animal well-being, beef, sheep, swine

Grant County tops 4-H Livestock Senior Division; Iowa County Junior Division

31. JUL, 2013

The State 4-H Livestock Judging Contest was held on July 22 at the Arlington Public Events Center. There were nine senior teams and ten junior teams that participated. The contest consisted of evaluating classes of market and breeding beef, market and breeding swine, market and breeding sheep and Boer goats, as well as answer questions [...]

[Read More](#)

Beef, Livestock Judging, Meat Goats, Sheep, Swine

Livestock results from Area Animal Science Days (AASD)

28. JUL, 2013

The 2013 Area Animal Science Days were held in Shawano, Jefferson, Chippewa and Iowa counties. Youth judged breeding and market classes of each of the following species, swine, beef, sheep, and in some locations meat goats. Youth also answered questions and seniors gave reasons on selected classes. Congratulations to all participants in this year's contest [...]

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Tags

Objective of an Animal Project

- ◆ Production of a market animal with a high quality, lean, muscular carcass that is economically and safely produced.
- ◆ Production of a breeding animal with high quality traits to be used in a herd to produce high quality and efficient offspring.
- ◆ Avoid single trait selection
 - ◆ Choose a complete animal instead!



Arrival

Pen
Antibiotics
Water
Dewormer



Feeding

- ◆ Starter with ASP 50lbs
- ◆ 50-150 18 % CP 5-8 % FAT
- ◆ 150-show 16 % CP 5-8% Fat
- ◆ Purebreds 18-20 % CP 5-8 % Fat
- ◆ Hand feeding.
- ◆ Fat supplement – vegetable, milk, animal
- ◆ Probiotics

Holding

- ◆ When never before 175 try to wait till 200
- ◆ How – increase fiber reduce caloric intake
- ◆ What
 - ◆ 1 pound of your regular feed—daily
 - ◆ 1 pound of Steamed Rolled oats—daily
 - ◆ 6 ounces of a Fat source (liquid or dry)—daily
 - ◆ All the Beet Pulp they want—daily
 - ◆ All the water they want.

Show day

- ◆ Feeding
- ◆ Water
- ◆ Fill

Basics of Swine Selection



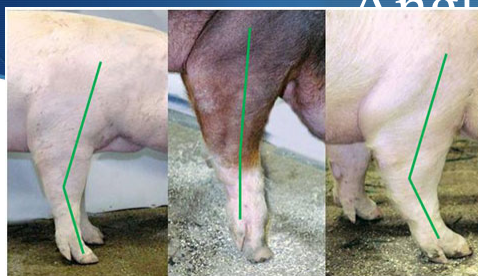
Selection Criteria

- ◆ Structural Correctness
- ◆ Soundness
- ◆ Muscle Expression

Structural Correctness

- ◆ Correct angles in shoulder, knees, pasterns, hips
- ◆ Allow for proper movement and flexibility
- ◆ Linked with soundness
- ◆ If an animal is structurally correct with proper angles, should remain correct and should be sound as it grows.

Correct Front & Rear Leg Angles



Front Legs:

Far left is most correct
Middle is too straight
Far right is too much angle

Rear Legs:

Far left is most correct
Middle is too straight
Far right is too much angle



Soundness

- ◆ Soundness basically means that the animal will move freely with a great deal of athleticism and flexibility
- ◆ You will want to be able to have the animal move and walk freely daily for several weeks prior to show.
- ◆ May be sound at beginning of project but with age and weight, could develop issues

Muscle Expression

- ◆ Expression and definition of muscle without looking too extreme.
- ◆ Muscle does interact and can affect soundness and structure.
- ◆ Best indicators of muscle is over shoulders (see blade movement), roll over the loin, definition of ham/loin junction, width & definition through lower ham

Final Project

- ◆ 3 Dimensional – Length, Depth, Width
- ◆ Combination Package – May not excel in all areas, but puts together the best combination of all traits
- ◆ Remember the purpose of the project
 - ◆ Responsibility
 - ◆ Completion
 - ◆ Meat production

Tips for Showmanship

- ◆ It all starts at home.
- ◆ Walk, walk, walk
- ◆ Train, train, train
- ◆ Take proper care of your project
- ◆ Know your project
- ◆ Wash at home
- ◆ Simulate fair & show at home
- ◆ Great family project

At the Show

- ◆ Be prepared – timing, tools
- ◆ Eye contact
- ◆ Spacing – you & animal, animal & judge, you & judge
- ◆ Show ring etiquette
- ◆ Show ring attire
- ◆ Know your project
- ◆ Showmanship isn't just in showmanship class
- ◆ SPORTSMANSHIP is KEY...project members & family members

Purchasing

- ◆ Get animals from known sources.
 - ◆ Own herd
 - ◆ Respected Producers
 - ◆ Respected Sales
- ◆ Ask producers vaccination programs.
- ◆ COOL paper work
- ◆ Health concerns.
- ◆ If a breed animal, get papers.
- ◆ Get appropriate size (weight) animal.
- ◆ How fed - transitioning



Biosecurity practices

- ◆ Step 1- Clean organic material (manure, dirt, shavings) off with hot soap and water. (boots, clothing, trucks, trailers equipment, etc.)
- ◆ Step 2 - Use disinfectants following the dilution level exactly!
- ◆ Step 3 - Then allow to dry.
- ◆ Separate clothes & boots from other farms to your farm
- ◆ Create a definite line of separation
- ◆ Clean & disinfect show equipment

Movement of concern

- ◆ Selecting your pigs, sales, farms, etc.
- ◆ Exhibition at shows that are non-terminal
- ◆ Before the fair
 - ◆ Don't bring sick pigs to the fair
 - ◆ Coordinate vet check before unloading
- ◆ During the fair
 - ◆ Manage clothing and boots that are worn at the fair compared to home
 - ◆ Watch for swine wellness at the fair
- ◆ After the fair
 - ◆ Non-terminal – Isolate for at least 30 days
 - ◆ Clean and disinfect clothing, shoes, vehicles, trailers, etc.

Resources

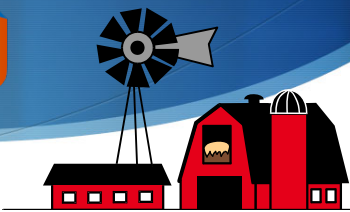
- ◆ <http://www.pork.org/News/4545/SwineShowBiosecurityRecommendations.aspx#.UwwJ6vRdWeC>
- ◆ <http://www.pork.org/Research/4316/PEDVResources.aspx#.UwwKLvRdWeA>
- ◆ <http://fyi.uwex.edu/youthlivestock/pedv/>
- ◆ A more detailed step by step biosecurity plan is online for youth exhibitors.

Logistics



- ◆ Identification
- ◆ Educational credits
- ◆ Rules of show
- ◆ County auction



Housing






- ◆ Pens
 - ◆ Don't overcrowd
 - ◆ Clean, dry bedding
 - ◆ No nails or sharp objects sticking out
 - ◆ Clean feed bunks and water
- ◆ Weather conditions....
 - ◆ Protect from extremes
- ◆ Air Movement
 - ◆ Proper Ventilation

Health

- ◆ How is the health of this prospect?
 - ◆ Select healthy animals
 - ◆ Does your animal appear normal
 - ◆ Observe stance and movement
 - ◆ Is appetite normal?
 - ◆ Are other animals on the farm healthy?
 - ◆ Good body condition, healthy skin and no lameness
 - ◆ Examine discharges - nose, mouth, changes in feces (scours, diarrhea, etc.)
- ◆ Keep track of health guidelines for exhibition and movement.
 - ◆ <http://www.privacy.wi.gov/uploads/Animals/pdf/FairRulesAnimalHealth2014.pdf>

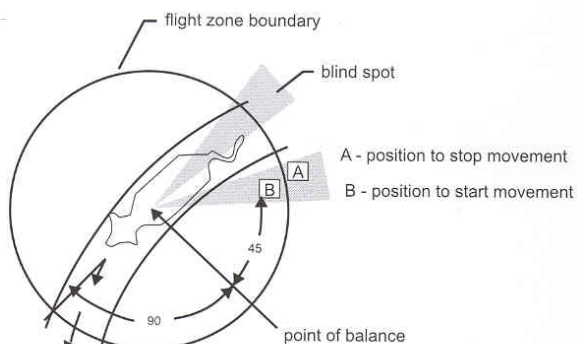




Safety

- Animals have a “comfort zone”

- A person moving into the comfort zone makes the animal: (Fight or Flight)

1. Tense
2. Move away



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Pig Behavior

- Low center of balance
- Eyesight might not be great
- See movement
- Curious
- Social
- Cautious
- Smart
- Long Memories
- Not all animals act the same.



- 🍋 Goals & objectives for your project
- 🍋 Project costs
- 🍋 What was gained, plans for next year

Name		Performance Points 2020 Census Party													Total	
Rank	Name	Age	Sex	2020 Census Party				Total	2020 Census Party				Total	Total	Total	
				2020 Census Party	2020 Census Party	2020 Census Party	2020 Census Party		2020 Census Party	2020 Census Party	2020 Census Party	2020 Census Party				
1	John Doe	35	M	100	100	100	100	400	100	100	100	100	400	800	800	800
2	Jane Smith	30	F	100	100	100	100	400	100	100	100	100	400	800	800	800
3	Bob Johnson	40	M	100	100	100	100	400	100	100	100	100	400	800	800	800
4	Alice Brown	25	F	100	100	100	100	400	100	100	100	100	400	800	800	800
5	Charlie Davis	38	M	100	100	100	100	400	100	100	100	100	400	800	800	800
6	Eve Wilson	28	F	100	100	100	100	400	100	100	100	100	400	800	800	800
7	Frank Miller	45	M	100	100	100	100	400	100	100	100	100	400	800	800	800
8	Grace Lee	32	F	100	100	100	100	400	100	100	100	100	400	800	800	800
9	Henry King	42	M	100	100	100	100	400	100	100	100	100	400	800	800	800
10	Ivy White	27	F	100	100	100	100	400	100	100	100	100	400	800	800	800
11	Jack Black	37	M	100	100	100	100	400	100	100	100	100	400	800	800	800
12	Karen Green	33	F	100	100	100	100	400	100	100	100	100	400	800	800	800
13	Leo Hall	43	M	100	100	100	100	400	100	100	100	100	400	800	800	800
14	Mia Adams	29	F	100	100	100	100	400	100	100	100	100	400	800	800	800
15	Noah Baker	41	M	100	100	100	100	400	100	100	100	100	400	800	800	800
16	Olivia Carter	31	F	100	100	100	100	400	100	100	100	100	400	800	800	800
17	Peter Evans	44	M	100	100	100	100	400	100	100	100	100	400	800	800	800
18	Quinn Foster	26	F	100	100	100	100	400	100	100	100	100	400	800	800	800
19	Ryan Garcia	36	M	100	100	100	100	400	100	100	100	100	400	800	800	800
20	Sarah Hill	34	F	100	100	100	100	400	100	100	100	100	400	800	800	800
21	Timothy Scott	46	M	100	100	100	100	400	100	100	100	100	400	800	800	800
22	Uma Young	24	F	100	100	100	100	400	100	100	100	100	400	800	800	800
23	Victor Perez	47	M	100	100	100	100	400	100	100	100	100	400	800	800	800
24	Wendy Roberts	23	F	100	100	100	100	400	100	100	100	100	400	800	800	800
25	Xavier Turner	48	M	100	100	100	100	400	100	100	100	100	400	800	800	800



After the show – End Product

- ◆ Market animals that become food for consumers
 - ◆ Need to know how good it is.
- ◆ Carcass Shows
- ◆ Ultrasound Shows



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Carcass Evaluation

- ◆ Fat – along the loin eye
- ◆ Muscle – loin muscle area
- ◆ Quality
 - ◆ Color, Firmness, Marbling
- ◆ Acceptable Color and Carcass Weights



PSE Pale pinkish gray, very Soft and Exudative. Undesirable appearance and shrinks excessively.



DFD Dark purplish red, very Firm and Dry. Firm and sticky surface, high water-holding capacity



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Animals are the vehicle that we use to
develop life skills in our youth.

Ultimate goal of the 4-H swine project is
to develop blue ribbon kids.



SPORTSMANSHIP!!



SPORTSMANSHIP -

What is it?



Conduct becoming to an individual involving:

- ◆ Fairness and Honest Competition
- ◆ Courteous relationships
- ◆ And graceful acceptance of results



What Makes a Good Sport?

- ◆ **Conduct** - High personal standards of behavior as you represent your family, club and community.
- ◆ **Fairness** – Learn and understand the rules. Be objective, honest and just in evaluating yourself and others.
- ◆ **Honesty** – Demonstrate integrity. Do your own work. Be truthful, fair and straightforward in everything you say and do.



What Makes a Good Sport?

- ◆ **Competition** – Understand that all contestants are after the same rewards and there will be winners and losers.
- ◆ **Courtesy** – Be nice toward other participants, spectators, judges, officials, leaders, parents and others. Ask questions politely and keep your emotions under control.
- ◆ **Graceful Acceptance of Results** – Accept results and decisions with a positive attitude. Congratulate those who do better than you. Be happy, but gracious, if you win. Thank all who helped you.



SPORTSMANSHIP!

It is your response to
winning and losing that
makes you a winner or a
loser! – *Harry Sheeny*



Sportsmanship:

Practice it
Today and
Everyday



Resources

- ◆ Swine Resource Handbook
 - ◆ <http://estore.osu-extension.org/productdetails.cfm?sku=134R>
- ◆ Wisconsin Youth Livestock Program
 - ◆ <http://fyi.uwex.edu/youthlivestock>
- ◆ Wisconsin Swine Project
 - ◆ <http://fyi.uwex.edu/youthlivestock/swine>
 - ◆ <http://fyi.uwex.edu/youthlivestock/pedv/>



Evaluation

<https://docs.google.com/forms/d/1DdaOFcJZCMPEWlO4PMAfBaPOXMZPychoJ-u0P6W-Zpg/viewform>



Next Livestock Learning Webinars

- ◆ April 17 - Sheep
- ◆ May 15 – Meat Goats
- ◆ Past webinar recordings and handouts can be found at:
 - ◆ <http://fyi.uwex.edu/youthlivestock/programs/livestock-learning-webinar-series/>
- ◆ Contact Bernie O'Rourke for questions,
borourke2@ansci.wisc.edu

