

BORED, FEELING LONELY, MISSING YOUR FRIENDS? HOW ABOUT A 4-H ANIMAL SCIENCE CHALLENGE?

CAUSE 4-H STILL GOT SOME FUN HAPPENING!

Rules of the Challenge:

1. Answer questions by any means possible, but you can't leave your home.
 - 4-H Project materials, internet, phone interview with your local veterinarian, whatever it takes.
 - You must however, cite where you found it, page if appropriate or date of internet posting, title, etc. If it's a person, their name and title, i.e. Dr. Terry, local veterinarian or Cera Lamken, 4-H Leader, etc. If it's knowledge you just had floating around in your head, write "me"
2. When all pages are as complete as you can make them, email them in as an attachment, NOT as a google doc, the time my inbox receives your email is the time that will be recorded.
3. Each submission will be given points for the number of days from the time I sent this out to the time I receive it and points for each incorrect or unanswered question; the JR, INT, and SR with the least points wins.
4. You do not have to be in an animal science project to play – Entries welcome from all project areas
5. All entries are due no later than 12 Midnight on Friday, March 20... Because a new game is coming on Monday, Mar 23
6. There is a junior, intermediate and senior challenge. (On Sept 1, 2019, Juniors were 9-11, Intermediates, 12-14, and Seniors, 15-19), be sure to compete in the right challenge so your entry can be counted..
7. All questions about the Challenge should be directed to Candi Bothum, Statewide Animal Science Coordinator: candi.Bothum@oregonstate.edu or 541-548-6088 x 79540
8. As a **LAST** resort, pages may be photographed and texted to my cell phone, 541-419-6350.

Date Emailing back to Candi: _____

Name _____

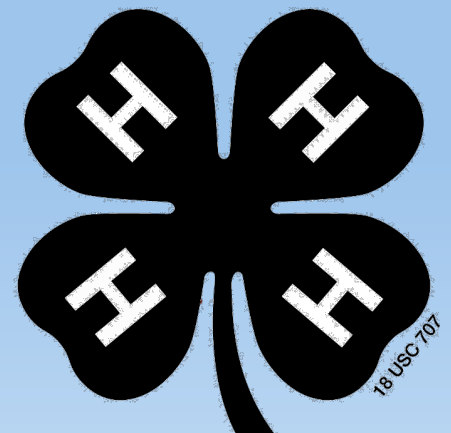
Email _____

County _____ Age Div _____

INT/SR

Return to Candi at: candi.Bothum@oregonstate.edu

Thanks for taking
the challenge! 



INTERMEDIATE & SENIOR LARGE ANIMAL CHALLENGE



1. Which "Primal" cut hosts this steak?

Cite: _____

2. This steak has two common retail labels name them both.

Cite: _____

3. What is the name of the meat that comes from these two once they are grown and processed? _____

Cite: _____

4. Where did their breed originate?

Cite: _____



Can you identify the external parts of this pig that are noted below?

6. #13? _____

Cite: _____

7. #25? _____

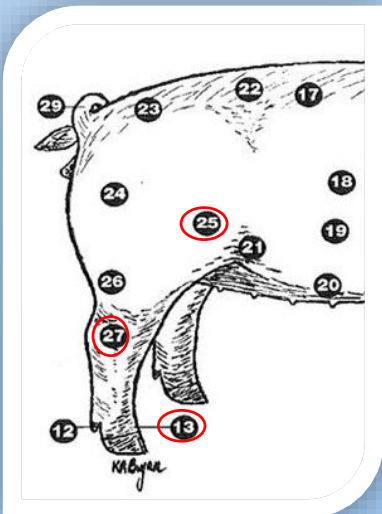
Cite: _____

8. #27? _____

Cite: _____

9. Is this hay a legume, a grass, or neither?

Cite: _____



10. Name 3 types of grass species hay:

Cite: _____



INTERMEDIATE & SENIOR LARGE ANIMAL CHALLENGE



11. What is this machine used for? _____

Cite: _____

12. According to the label below, how much of this product should I give to my sick lamb? _____

Cite: _____

13. What could happen if I give 7 cc of this product in one subcutaneous location on a market hog at one time?

Cite: _____

Essential Product Code: H2611

Paylean 705

Paylean Top-Dress Product for Swine

For increased rate of weight gain, improved feed efficiency and increased carcass leanness in finishing swine, weighing not less than 150 lb., fed a complete ration containing at least 16% crude protein for the last 45 to 90 lb. of gain prior to slaughter (group average).


Active Drug Ingredient
Ractopamine hydrochloride.....350 g/ton

Guaranteed Analysis:
Crude Protein, min.....13.0%
Lysine, min.....0.50%
Crude Fat, min.....3.00%
Crude Fiber, max.....9.50%

Ingredients: Wheat Midds, Animal Fat, Propionic Acid as a preservative

Feeding Directions: To achieve 4.5 grams per ton level of Ractopamine, mix 1 level cup of Paylean 705 with 5 lbs. of complete feed containing at least 16% crude protein. To achieve 9 grams per ton level of Ractopamine, mix 2 level cup of Paylean 705 with 5 lbs. of complete feed containing at least 16% crude protein. Ractopamine is only approved for 4 1/2 - 9 grams per ton.

Caution: Ractopamine may increase the number of injured and/or fatigued pigs during marketing. Not for use in breeding swine



Manufactured by: Nutrition Services, Inc.
501 Division Ave - York, NE 68467
(800) 697-1598
www.EssentialShowFeeds.com

Net Weight: 11.25 lbs. (5.10 kg)

14. What is the most active ingredient in this product? _____

Cite: _____

15. Why may I have to consider not feeding it to my fair market hogs?

Cite: _____

Liquamycin LA-200 (oxytetracycline injection) is a sterile, preconstituted solution of the broad-spectrum antibiotic oxytetracycline. Each mL contains 200 mg of oxytetracycline base as oxytetracycline dihydrate, and on a w/v basis, 40.0% 2-pyrrolidone, 5.0% povidone, 1.8% magnesium oxide, 0.2% sodium formaldehyde sulfoxylate (as a preservative), monoethanolamine and/or hydrochloric acid as required to adjust pH.

Caution: When administered to cattle, muscle discoloration may necessitate trimming of the injection site(s) and surrounding tissues during the dressing procedure.


Warnings: Discontinue treatment at least 28 days prior to slaughter of cattle and swine. Milk taken from animals during treatment and for 96 hours after the last treatment must not be used for food. Rapid intravenous administration may result in animal collapse. Oxytetracycline should be administered intravenously over a period of at least 5 minutes.

Precautions: Exceeding the highest recommended level of drug per lb of body weight per day, administering more than the recommended number of treatments, and/or exceeding 10 mL subcutaneously per injection site in adult beef and dairy cattle, and 5 mL intramuscularly per injection site in adult swine, may result in antibiotic residues beyond the withdrawal period.

Refer to Package Insert for Complete Directions

Storage: Store at room temperature 15° - 30°C (59° - 86°F). Protect from freezing. Use within 28 days of first vial puncture. Stopper may be punctured a maximum of 40 times.

Restricted Drug (California)—Use Only as Directed
Not for Human Use



Liquamycin®
LA-200®
(oxytetracycline injection)

Antibiotic


Each mL contains 200 mg of oxytetracycline base as oxytetracycline dihydrate.

For the treatment of disease in beef cattle; dairy cattle; calves, including prurminating (veal) calves; and swine

For animal use only

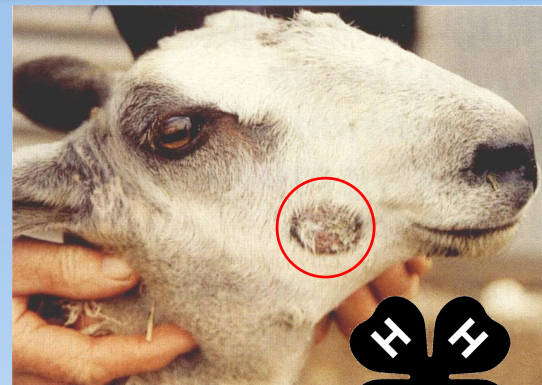
Net Contents: 500 mL

Approved by FDA under NADA # 113-232



16. What could be wrong with this lamb?

Cite: _____



INTERMEDIATE & SENIOR LARGE ANIMAL CHALLENGE



17. What breed is this horse?

Cite: _____

Identify the External Parts of the horse

18. _____

Cite: _____

19. _____

Cite: _____

20. _____

Cite: _____

21. What breed of goat is this?

Cite: _____

22. What type of goat is it, meaning what is it used for? _____

Cite: _____



23. What breed of Sheep is this?

Cite: _____

24. What is tool called? _____

Cite: _____

25. What is it used for? _____

Cite: _____

