

Montana Youth Livestock Quality Assurance

- What prompted Youth Quality Assurance?
- Consumers want safe and wholesome food
- Illegal use of drugs in the show ring
- Beef Quality Assurance & Pork Quality Assurance are programs for commercial producers
- Youth Livestock Exhibitors need to be held to the same standard

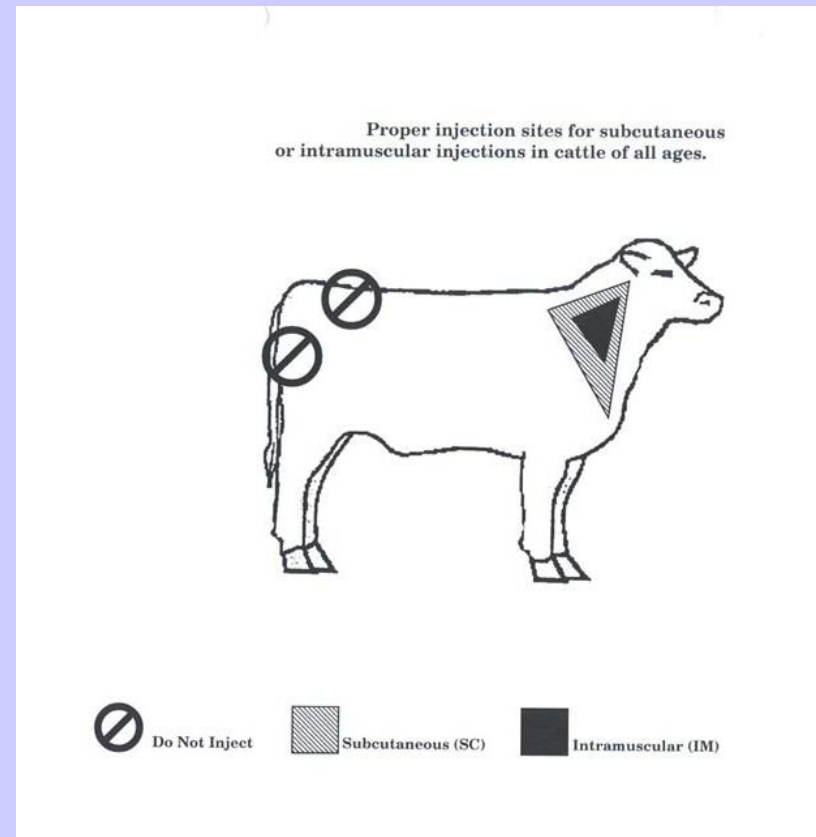


Topics to be covered:

- Injection Sites
- Animal Health and Residues
- Facilities
- Feeds and Feeding
- Ethics in and out of the show ring
- Animal care and ownership
- Quiz to be printed off and turned into your local Montana State University Extension Office

Proper Injection Sites

- Never behind the shoulder
- IM=intramuscular
- Sub Q=subcutaneous, underneath the skin
- All other injections should be given by a trained professional
- Needles should not be used if bent or dirty
- Use appropriate size and length needle for application and animal



Recommended Needle Size for 300-700 lb Cattle

Injectable Viscosity	Sub Q 1/2-3/4 inch	Intravenous 1 1/2 inch	IM 1 to 1 1/2 in
Thin (like water)	16-18 gauge	16 gauge	16-18 gauge
Thick (like OTC)	16-18 gauge	14-16 gauge	16 gauge

Animal Health Product Residue

- ALWAYS: Read and follow the label
- ALWAYS: Identify use for animals intended for slaughter
- ALWAYS: use correct method of delivery, given incorrectly may cause an injection site abscess and may decrease the product effectiveness
- Injections given incorrectly can lower the amount of available retail meat
- Establishing a good relationship with your local veterinarian is a good practice to help you with label questions and use



This page will be used during the quiz.

Read and Follow the Label

ULTRABAC® 7/SOMUBAC®

Pfizer

**Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &
D-Haemophilus Somnus Bacterin-Toxoid**

For veterinary use only

For use in healthy cattle and calves 3 months of age or older as an aid in preventing blackleg caused by *Clostridium chauvoei*, malignant edema caused by *Cl. septicum*, black disease caused by *Cl. novyi*, gas-gangrene caused by *Cl. sordellii*, enterotoxemia and enteritis caused by *Cl. perfringens* types B, C, and D, and disease caused by *Haemophilus somnus*. Although *Cl. perfringens* type B is not a significant problem in North America, immunity is provided by the beta toxoid of type C and the epsilon toxoid of type D.

UltraBac 7/Somubac consists of killed, standardized cultures of *Clostridium chauvoei*, *Cl. septicum*, *Cl. novyi*, *Cl. sordellii*, *Cl. perfringens* types C and D, and *Haemophilus somnus*, with an adjuvant.

Directions: Shake well. Aseptically inject 5 mL subcutaneously, followed by a second dose 4-6 weeks later. In accordance with Beef Quality Assurance guidelines, this product should be administered subcutaneously (SC) under the skin. Annual revaccination with a single dose is recommended.

Precautions: Store at 2°-7°C. Do not freeze. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. If anaphylaxis occurs following use, administer epinephrine or equivalent.

Technical inquiries should be directed to Pfizer Animal Health Technical Services, (800) 366-5288 (USA), (800) 461-0917 (Canada).

U.S. Veterinary License No. 189

Pfizer Animal Health, Exton, PA 19341, USA, Div. of Pfizer Inc., NY, NY 10017
85-4382-17

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Presentation: 10, 50 and 200 dose vials.

NAC No.: 11981033

Proper Facilities

Livestock facilities should take into consideration the following:

- Animal comfort zones, including shade and wind protection
- Space requirements
- Ventilation
- Low stress
- Appropriate for the age, size and species
- Clean, fresh water
- Clean and appropriate size feed containers



Feeds and Feeding

- Read and follow the label on processed or completed feeds
- Feeding rations should be balanced for each species
- Never share the same scoops & feed buckets when feeding FDA approved medication
- Use different feed buckets for different species



Promote Positive Animal Agriculture

- **Does the practice violate FDA Law?** The consumer deserves a quality and wholesome product
- **Does the practice harm the animal?** Hurting an animal just to win is an unacceptable and unethical practice
- **Does the practice result in a fraudulent misrepresentation of the animal?** Any practice that misrepresents or alters the natural conformation or disposition of an animal is not acceptable
- **Would the general public be offended?** The consumer will not stand for any unethical practice
- **Does the practice conflict with real world agriculture?** Although the show ring is not a replication of a feedlot situation there are still many things that we can do to duplicate and promote positive animal agriculture in our projects

Animal Care and Ownership

- I will own and possess my animal by my county's ownership deadline.**
- I will feed, water, and care for my own animals each day.**
- I will present proof of ownership and age of animal if requested.**
- I will groom my own animals with minimal help from adults.**

Montana Youth Quality Assurance Quiz

(please print and complete the quiz then return it to your local Montana State University Extension Office)

- 1) Consumers want a ____ ? A) a new car B) safe/wholesome food C) higher gas prices D) all of the above
- 2) Youth Livestock exhibitors can do what ever they want? T or F
- 3) When giving injections to livestock, the abbreviation IM stands for? A) intra molecule B) inter membrane C) intra muscular D) none of the above
- 4) When giving a Sub Q shot to animal when the medication is like water you should use a needle that is $\frac{1}{2}$ - $\frac{3}{4}$ inches long? T or F
- 5) When giving an animal a shot you do not need to read the label? T or F
- 6) Abscess's in meat can be caused by? A) bad genetics B) from using a hot shot C) the meat inspectors D) injections given incorrectly

Questions 7 – 10 please refer to page 5 label for Ultrabac 7, by Pfizer

- 7) This product is safe for use in cattle and sheep over 3 months of age? T or F
- 8) This vaccination should be given IM? T or F
- 9) The phone number for questions in the USA is (800) 366-5288? T or F
- 10) You may slaughter animals at anytime after using this product? T or F
- 11) Age and size do not matter when feeding show animals? T or F
- 12) When feeding medicated feeds, it is an acceptable practice to share feed pans between species? T or F
- 13) Injection site abscesses are not a problem because you can just cut them out? T or F