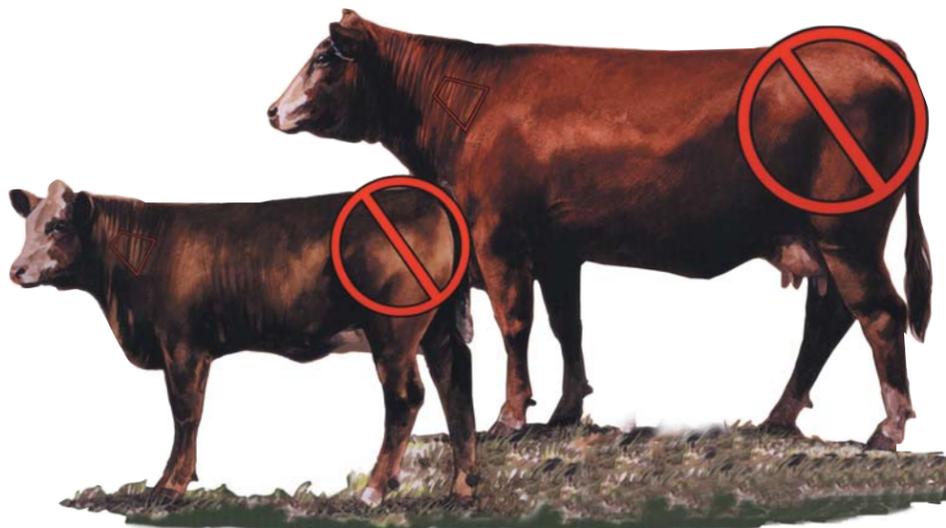


Injection Site Management

TIPS

The Product

1. Choose low-dose, low-irritant, subcutaneous (SQ) products whenever possible.
2. **ALWAYS** read the label!
3. Protect vaccines from exposure to heat and UV light.
4. Calculate the proper dose based on label directions.
5. Booster all vaccines as directed by the label.
6. **NEVER** mix products.
7. Modified live vaccine begins to lose effectiveness 60 minutes after mixing.



Needles and Syringes

1. Use only quality, sterile needles and syringes.
2. Change needles every 10-15 head.
3. For subcutaneous (SQ) injections, use a 16- or 18-gauge B-Bevel needle 1/2- to 3/4-inch long.
4. For intramuscular (IM) injections, use a 16- or 18-gauge B-Bevel needle 1-inch long.
5. **NEVER** use a bent or contaminated needle.
6. Mark syringes and keep them separate: modified live products in one, bacterins or killed products in another.



Over the Counter (OTC) Product

Name of Drug

COWBIOTIC
(hydrocillin and streptazolidin)

Active Ingredients

Directions for use: See package insert.
Warning: The use of this drug must be discontinued for 30 days before treated animals are slaughtered for food. Exceeding the highest recommended dosage level may result in antibiotic residues in meat or milk beyond the withdrawal time.

Instructions for Use

Withdrawal Time

Net Contents: 100 mL

Quantity of Contents

Distributed by Iowa Animal Health, Inc.

Name of Distributor

Prescription Product

BULLMYCIN 300
(Wondercine HCl)

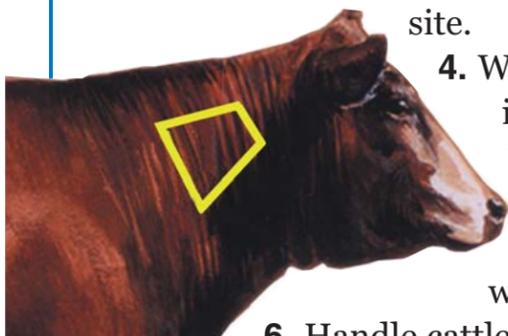
Directions for use: See package insert.
Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Warning: The use of this drug must be discontinued for 28 days before treated animals are slaughtered for food. Exceeding recommended doses, or number of days on treatment, or 10 mL per intramuscular injection site, may result in antibiotic residues beyond the withdrawal period.

Prescription Legend

Distributed by Iowa Animal Health, Inc.

Injection Site Placement

1. Whether IM or SQ, all injections should be administered in the neck, regardless of the animal's age.
2. **NEVER** vaccinate in the hip or round.
3. Never give more than **10 cc** in any one injection site.
4. When giving SQ injections, use the "tenting" technique.
5. Space all injections 4 inches (a hand's width) apart on cattle.
6. Handle cattle slowly and quietly to minimize stress.



Record Keeping

1. Keep all records for a minimum of **two years** from the date of sale or transfer.
2. Fill out a processing map before you work cattle. This will help everybody involved with processing understand what, where and how you want things done.
3. Treatment records should include: treatment date, animal or group ID, product used, product lot number, withdrawal time, dose given, route of administration, location of injections, and name of person who administered the drug.

GROUP PROCESSING / TREATMENT MAP
Select SQ products and never give an injection in the rear leg or top butt.

Group: _____ Date: _____ ID: Rt. Ear/ Lft. Ear: _____
 Booster/Reprocess Date: _____ Pen/Pasture #: _____
 Class: S / H / Bulls / Cows Age: _____ Weight: _____ Hd. Processed _____
 Other Management (✓): Castrate ___ Dehorn ___ Other _____ Crew _____