

**UNIVERSITY OF CALIFORNIA SIERRA FOOTHILL RESEARCH AND EXTENSION CENTER
ANIMAL HEALTH PROGRAM**

This document describes the routine animal health procedures followed at the University of California Sierra Foothill Research and Extension Center (SFREC). These guidelines are reviewed, updated and approved annually by the SFREC Animal Research Committee. **This revision is dated July, 2009.**

The active ingredients and vaccines are available under a number of brand names. Brand names used in these recommendations are examples only and not specific endorsements or recommendations.

ALWAYS READ AND CAREFULLY FOLLOW DRUG AND VACCINE LABEL INSTRUCTIONS.

CALVES (unweaned):		<u>Age</u>
Birth:	Tag, Weigh, Nolvasan™ solution on naval if assisted birth or exposed to contaminated areas.	1 day
Branding:	Hot Iron "UC"	2.5 - 5 months
Castration:	"Knife" Method/ E-Z Bloodless Castrator	2.5 - 5 months
Dehorn:	Most are polled; sterile knife	< 3 mos.
	Dehorner, Horn Iron, ALAR Guide	> 3 mos.
	Use local anesthesia if greater than 1 month of age	
General:	Provide supplemental selenium to all calves by injection, boluses or supplemental feeding	
	Provide Pinkeye vaccine by implant or injection	2 weeks prior to weaning
Prophylaxis:		
1st Vaccination	Modified Live vaccine - BVD, IBR, PI3, BRSV (+ Lepto 5-way)	2.5 - 5 months
	Clostridial 8-way (OK because cows have 2 previous Bovishield™)	2.5 - 5 months
Booster	Modified Live Vaccine - BVD,IBR, PI ₃ , BRSV (+ Vibrio/Lepto 5-way)	2 weeks prior to weaning
	Feedlot Steers and heifers - Mannheimia hemolytica vaccination	2 weeks prior to weaning
Anaplasmosis	Anaplasma marginale vaccination - After selection of replacements (for cattle < 11 months of age)	5-10 months of age
Anthelmintics	Dectomax™, Ivomec™, Valbazen™ (Rotation suggested)	Wean/Postwean
Tetanus	Clostridium tetani antitoxin and vaccination at castration, at separate sites (only if castration is by banding)	2-3 mos.
Shipping	Prefer 45 days preconditioning after weaning before shipping.	
Treatments:		
Scours	LA-200™ (Sustained release oxytetracycline) & long acting sulfamethazine 1 - 3 x every other day; Banamine™ daily as necessary. Oral fluids/electrolytes if needed	
Pneumonia	LA-200™ (Sustained release oxytetracycline) & long acting sulfamethazine 1 - 3 x every other day; Banamine™ daily as necessary. 2nd treatment -Baytril™ (enrofloxacin) 1x, 3rd treatment Nuflor™ (florfenicol) 1x, 4th treatment Excede™ (ceftiofur)	
Anaplasmosis	LA-200™ (Sustained release oxytetracycline) 1-3x every other day, or Oxytetracycline 3x daily	
Pinkeye	Nuflor™ (florfenicol), 2nd treatment LA-200™ (sustained release oxytetracycline) & Patch 1x	
Coccidiosis	Long acting sulfamethazine 3x every other day; treat group with preventive, if necessary, such as Corid™, Bovatec™, Decox™, and/or Rumensin™	
Abscesses	Drain/Flush/Betadine™ or Nolvasan™ topical/Fly-repellant/PPG if necessary	
Foot Rot	Clean Wound/Oral Sulfa/PPG or IM LA200™ (Sustained release oxytetracycline)	
	The herd manager, in consultation with the attending veterinarian, has the discretion to alter timing of vaccinations and other health management activities if conditions are such that using the current protocol may adversely impact animal health. The cl	
	Epinephrine Rx should be on hand for anaphalactic shock.	
	Mineral supplements (including selenium) will be provided year round to ALL animals.	
	Diagnosis of unknown causes of death or illness: Cause of disease to be determined if possible with assistance of Center veterinarian and UCD VMTH and California Animal Health and Food Safety Laboratory	