

Bovine Respiratory Disease Antibiotics - USA

Class	Active Ingredient	Trade Name	Manufacturer	Prescription	OTC	Metaphylaxis	Label Dose ml/100lbs (cwt)	Route	Slaughter Withdrawal	NOTES
Tetracycline	Oxytetracycline	LA 200	Pfizer		✓		4.5 ml/cwt x1d → 2.5 ml/cwt x2-4d @24hrs →	IM, SQ, IV SQ, IV	28 d	
		Tetradure 300	Merial		✓		4.5 ml/cwt x1d	IM, SQ	28 d	
Beta Lactam/ Cephalosporin [#]	Ceftiofur	Naxcel*	Zoetis	✓			1-2 ml/cwt x3-5d @ 24hrs	IM,SQ	4 d	Must use w/in 7d post mixing
		Excenel RTU*	Zoetis	✓			1-2 ml/cwt x3-5d @24hrs	IM,SQ	3 d	Stable in liquid form
		Excede*	Zoetis	✓		✓	1.5 ml/cwt x1d	SQ ear	13 d	Administered in ear
	Penicillin G Pro	Multiple	Multiple		✓		1.0 ml/cwt x3-5d @24hrs	IM	14 d	
	Ampicillin	Polyflex	BI	✓			3-5 mg/lb x3-7d @24hrs	IM	6 d	ml/cwt depends on how mixed
Macrolide	Tilmicosin	Micotil 300	Elanco	✓		✓	1.5-3.0 ml/cwt x1d	SQ	42 d	☠ Lethal in humans
		Pulmotil	Elanco	✓			12.5 mg/kg/head/day x 14d	Feed	28 d	VFD R _x only
	Tulathromycin	Draxxin	Zoetis	✓		✓	1.1 ml/cwt x1d	SQ	18 d	
	Gamithromycin	Zactran	Merial	✓		✓	2 ml/110lbs x1d	SQ	35 d	
	Tildipirosin	Zuprevo	Merck	✓		✓	1 ml/cwt x1d	SQ	21 d	
	Tylosin	Tylan 200	Elanco		✓		4 ml/cwt x3-5d @24hrs	IM	21 d	
Fluoroquinolone	Enrofloxacin	Baytril 100*	Bayer	✓		✓	3.5-5.5 ml/cwt x1d 1.5-2.0 ml/cwt x3d @24hrs	SQ	28 d	
	Danofloxacin	Advocin*	Zoetis	✓			2 ml/cwt x1d 1.5 ml/cwt x2d @ 48hrs	SQ	4 d	
Thiamphenicol	Florfenicol	Nuflor	Merck	✓		✓	6 ml/cwt x1d → 3 ml/cwt x2d @ 48hrs →	SQ IM	38 d 28 d	
	Florfenicol/ Flunixin	Resflor Gold	Merck	✓			6 ml/cwt x 1d	SQ	38 d	Flunixin is NSAID ("Banamine")
Sulfa	Sulfamethoxine	Albon Bolus	Zoetis		✓		1 bolus/200 lbs then ½ bolus/200 lbs x3-4d @24hrs	Oral bolus	7 d	

*Illegal to us extra label # NOTE: Beta Lactams/Cephalosporins are NOT effective against Mycoplasma