Sulfa Treatment Options							
Product	Species	Controls/Treats	Dosage	Treatment Duration	Withdrawal Period/ Warning	lb/Treatment	Cost
<b>Sulfadimethoxine</b> <b>12.5%</b> (gallon)	<b>BEEF:</b> cattle, calves <b>DAIRY:</b> calves, heifers	Footrot (Fusobacterium necrophorum) Calf diphtheria (Fusobacterium necrophorum) BRD (shipping fever/enzootic pneumonia) Bacterial pneumonia (Pasteurella spp)	<b>Initial dose:</b> 25 mg/lb on day 1 <b>Days 2 to 5:</b> maintenance doses of 12.5 mg/lb/day	5 consecutive days	Meat withdrawal, 7 days Not for use in veal calves	<b>Day 1:</b> 1 gallon will treat 19,200 lb <b>Days 2 to 5:</b> 1 gallon will treat 38,400 lb	\$69.99
Sulfadimethoxine Soluble Powder (3.77 oz)	<b>BEEF:</b> cattle, calves <b>DAIRY:</b> cattle, calves, heifers	Footrot (Fusobacterium necrophorum) Calf diphtheria (Fusobacterium necrophorum) BRD (shipping fever/enzootic pneumonia) Bovine respiratory disease (Pasteurella multocida)	Initial dose: 25 mg/lb on day 1 Days 2 to 5: maintenance doses of 12.5 mg/lb/day	5 consecutive days	Meat withdrawal, 7 days Not for use in veal calves	Day 1: 1 gallon of stock solution will treat 3,784 Days 2 to 5: 1 gallon of stock solution will treat 7,568	\$11.49
Sul-Q-Nox 31.92% (Sulfaquinoxaline as sodium & potassium salts; gallon)	<b>BEEF:</b> cattle, calves <b>DAIRY:</b> calves, heifers	<b>Coccidiosis</b> (caused by Emeria bovis and E. zuernii)	Mix: 7-3/4 fl oz (0.015%) per 128 gallons water Dose: 6 mg/lb of body- weight per day for 3 to 5 days	3 to 5 consecutive days	Withdraw 10 days before slaughter Not for use in veal calves or lacatating dairy cattle	1 gallon will treat 201,384 lb	\$200.00
<b>Sodium</b> <b>Sulfamethazine</b> (1 lb packet)	<b>BEEF:</b> cattle, calves <b>DAIRY:</b> cattle, calves, heifers	Bacterial pneumonia & BRD complex (pasteurella spp) Colibacillosis/bacterial scours (E. coli) Footrot (Fuscbacterium necrophorum) Calf diptheria (Fusobacterium necrophorum) Acute mastitis (Streptococcus spp) Acute mastitis in beef cattle (Streptococcus spp)	<ul> <li>Mix: 1 packet to 1 gallon of water; makes 12% stock solution</li> <li>Initial dose: 3 fl oz/100 lb (108 mg/lb) on day 1</li> <li>Days 2 to 4: 1-1/2 fl oz/100 lb (54 mg/lb)</li> </ul>	4 consecutive days	Meat withdrawal, 10 days Do not use in calves under 1 month of age or calves being fed an all milk diet Do not use in female dairy cattle 20 months of age and older	Day 1: 1 gallon of stock solution will treat 4,199 lb Days 2 to 4: 1 gallon of stock solution will treat 8,398 lb	\$25.99