



Withdrawal Time Chart

Beef Cattle

The following pages contain a reference table listing products alphabetically by trade name, the appropriate species, the route of administration and the corresponding withdrawal times in meat. The withdrawal times listed correspond to label dosages only.

A dash (-) in the Meat column, indicates that no withdrawal time is specified on the product label.

Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the product label or package insert.

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Withdrawal Time Chart Abbreviations

I.M.	Intramuscular	I.V.	Intravenous
I.N.	Intranasal	S.C.	Subcutaneous
I.P.	Intraperitoneal	d	Days
I.R.	Intraruminal	h	Hours
I.U.	Intra-uterine		

Product Name	Company Name	Species	Route of Administration	Meat
1% Vapona Insecticide	Durvet	Cattle	Topical	-
<i>Note: Do not apply to calves under 6 months of age.</i>				
3% Rabon® Livestock Dust	Durvet	Cattle	Topical	-
5-Way Calf Scour Bolus™	AgriLabs	Calves	Oral	14d
7-Way/Somnus	Aspen	Cattle	I.M., S.C.	21d
20% Sulfaquinoxaline Sodium Solution	Loveland	Cattle	Oral	10d
31.92% Sul-Q-Nox	Russell	Cattle	Oral	10d
50% Dextrose Injection, USP	A.H.A.	Beef cattle	I.V.	-
7-Way	Aspen	Cattle	S.C.	21d
Absolute™ M	AgriLabs	Cattle	I.M., S.C.	60d
Absorbine® Flays-X® Insecticide	W. F. Young	Cattle	Topical	-
ADE-Sol	Vet-A-Mix	Beef cattle	Oral	-
A-D Injection	Durvet	Cattle	I.M.	60d
Adspec™ Sterile Solution	Pharmacia & Upjohn	Cattle	S.C.	11d
<i>Note: Do not use in calves to be processed for veal.</i>				
Advance™ A.S.A.P.®	Milk Specialties	Calves	Oral	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Advance™ Calf Medic®	Milk Specialties	Cattle	Oral	30d
Advance™ Calf Medic® Concentrate	Milk Specialties	Cattle	Oral	30d
Advance™ Calvita® Deluxe Medicated Milk Replacer	Milk Specialties	Cattle	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Advance™ Calvita® Supreme Medicated A.M. Milk Replacer	Milk Specialties	Cattle	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Advance™ Calvita® Supreme Medicated All Milk Replacer	Milk Specialties	Cattle	Oral	-
<i>Note: Do not use in calves to be processed for veal.</i>				
After-Birth Bolus	AgriPharm	Beef cattle	I.U., Topical	-
After-Birth Bolus	RXV	Beef cattle	I.U., Topical	-
Agri-Cillin™	AgriLabs	Cattle	I.M.	10d
AgriCyl	Anthony	Cattle	I.V.	19d
<i>Note: Do not use in calves to be processed for veal.</i>				
Agrimycin™-100	AgriLabs	Cattle	I.V.	22d
<i>Note: Use beyond 4 days may result in tissue residues beyond the withdrawal time.</i>				

Refer to product label for more complete information.

Withdrawal Time Chart
Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Bloat-Pac®	Vet-A-Mix	Cattle	I.R., Oral	-
Bloat Treatment	AgriPharm	Cattle	Oral	3d
Bloat Treatment	Butler	Beef cattle	Oral	-
Bloat Treatment	RXV	Cattle	Oral	3d
Blood Stop Powder	AgriLabs	Cattle	Topical	-
<i>Note: Not for use on animals intended for food purposes.</i>				
Blood Stop Powder	AgriPharm	Beef cattle	Topical	-
Blood Stop Powder	Aspen	Beef cattle	Topical	-
Blood Stop Powder	Durvet	Beef cattle	Topical	-
Blood Stop Powder	RXV	Beef cattle	Topical	-
Bluelite® C	TechMix	Beef cattle	Oral	-
Blue Lotion	AgriLabs	Cattle	Topical	-
Blue Lotion	Farnam	Cattle	Topical	-
<i>Note: Not for use on animals intended for food purposes.</i>				
Blue Lotion Aerosol	Anchor	Cattle	Topical	-
Blue Lotion Topical Antiseptic	Aspen	Cattle	Topical	-
Blue Lotion Topical Antiseptic	First Priority	Cattle	Topical	-
BMD® 30	Alpharma	Beef cattle	In the feed	-
BMD® 50	Alpharma	Beef cattle	In the feed	-
BMD® 60	Alpharma	Beef cattle	In the feed	-
Bo-Bac-2X™	Anchor	Cattle	S.C.	21d
Boltan III™	Butler	Cattle	Oral	-
BO-SE®	Schering-Plough	Calves	I.M., S.C.	30d
Boss™ Pour-On Insecticide	Schering-Plough	Cattle	Topical	-
BovaMune™	AgriLabs	Cattle	I.M., S.C.	21d
Bovatec®	Roche Vitamins	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal.</i>				
BovaZine SR Calf Bolus	Vedco	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
BovaZine SR Cattle Bolus	Vedco	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Eye®	Pfizer Animal Health	Cattle	S.C.	21d
Bovi-K 4™	Pfizer Animal Health	Cattle	I.M.	21d
Bovine 3	Durvet	Cattle	I.M., S.C.	21d
Bovine 4	Durvet	Cattle	I.M., S.C.	21d
Bovine 4 KL	Durvet	Cattle	I.M., S.C.	21d
Bovine 8	Durvet	Cattle	I.M., S.C.	21d
Bovine 9	Durvet	Cattle	I.M., S.C.	21d
Bovine Bluelite®	TechMix	Beef cattle	Oral	-
Bovine Ecolizer®	Grand	Cattle	Oral	21d
Bovine Ecolizer®+C	Grand	Cattle	Oral	21d
Bovine Maximizer™	Grand	Beef cattle	Oral	-
Bovine Past H-1	Durvet	Cattle	I.M., S.C.	60d
Bovine Pili Shield™	Grand	Cattle	I.M.	60d
Bovine Rhinotracheitis-Parainfluenza ₃ Vaccine	Colorado Serum	Cattle	I.M.	21d
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza-3 Vaccine	Colorado Serum	Cattle	I.M.	21d
Bovi-Sera™ Serum Antibodies	Colorado Serum	Cattle	I.M., S.C.	21d
BoviShield® 3	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® 4	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® 4+L5	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® BRSV	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® IBR	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® IBR-BRSV-LP	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® IBR-BVD	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® IBR-BVD-BRSV-LP	Pfizer Animal Health	Cattle	I.M.	21d
BoviShield® IBR-PI ₃ -BRSV	Pfizer Animal Health	Cattle	I.M.	21d
BP-1	AgriPharm	Beef cattle	Oral	-
BP-1 Special Blend	RXV	Beef cattle	Oral	-
BP-1®	Franklin	Cattle	I.M., S.C.	21d
Breed-Back-10™	Anchor	Cattle	I.M.	21d
Breed-Back-10	Bio-Ceutic	Cattle	I.M.	21d
BRSV Vac®	Bayer Corporation	Cattle	I.M., S.C.	21d
BRSV Vac® 3	Bayer Corporation	Cattle	I.M.	21d
BRSV Vac® 4	Bayer Corporation	Cattle	I.M.	21d

Product Name	Company Name	Species	Route of Administration	Meat
Aspirin Boluses	AgriLabs	Cattle	Oral	-
Aspirin Boluses	AgriPharm	Cattle	Oral	-
Aspirin Boluses	Butler	Cattle	Oral	-
Aspirin Boluses 240 grains	RXV	Cattle	Oral	-
Aspirin Boluses 480 grains	RXV	Cattle	Oral	-
Aspirin Powder	AgriLabs	Cattle	Oral	-
Aspirin Powder	Butler	Cattle	Oral	-
Aspirin Powder	First Priority	Cattle	Oral	-
Aspirin Powder	RXV	Cattle	Oral	-
Aspirin Powder	Vedco	Cattle	Oral	-
Atroban® Delice® Pour-On Insecticide	Schering-Plough	Beef cattle	Topical	-
Atroban® Extra Insecticide Ear Tags	Schering-Plough	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Atropine L.A.	Butler	Beef cattle	I.M., I.V., S.C.	-
Atropine Sulfate Injection 15 mg/mL L.A.	RXV	Beef cattle	I.M., I.V., S.C.	-
Atropine Sulfate Injection 15 mg/mL L.A.	W.V.S.	Beef cattle	I.M., I.V., S.C.	-
Aureomycin® Granular	Roche Vitamins	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Aureomycin® Soluble Calf Oblets®	Fort Dodge	Calves	Oral	24h
Aureomycin® Soluble Powder	Fort Dodge	Calves	Oral	24h
Aureomycin® Soluble Powder Concentrate	Fort Dodge	Calves	Oral	24h
Aureomycin® Tablets	Fort Dodge	Calves	Oral	24h
Aureo S 700® Granular	Roche Vitamins	Beef cattle	Oral	7d
Azium® Solution	Schering-Plough	Beef cattle	I.M., I.V.	-
Baciferm® 50	Roche Vitamins	Beef cattle	In the feed	-
Balance™ Oral Mineral Supplement	Bayer Corporation	Beef cattle	Oral	-
Banamine® Injectable Solution	Schering-Plough	Cattle	I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Bar-4™	Anchor	Cattle	I.M.	21d
Bar-4 Somnus™	Anchor	Cattle	I.M.	21d
Bar-Guard-99™	Anchor	Cattle	Oral	21d
Bar-Somnus™	Anchor	Cattle	I.M.	21d
Bar-Somnus-2P™	Anchor	Cattle	I.M.	21d
Bar-Vac® 7+Redwater (8-Way)	Anchor	Cattle	S.C.	21d
Bar-Vac-7®/MB	Boehringer Ingelheim	Cattle	S.C.	21d
Bar-Vac® 7/Somnus	Anchor	Cattle	I.M.	21d
Bar-Vac®-CD/T	Anchor	Cattle	I.M., S.C.	21d
Baytril® 100	Bayer Corporation	Cattle	S.C.	28d
<i>Note: Do not use in calves to be processed for veal.</i>				
B-Comject 150	Vetus	Beef cattle	I.M., I.V.	-
B-Comject Forte	Vetus	Cattle	I.M., S.C.	-
B Complex One-Fifty Injection	Vedco	Beef cattle	I.M., I.V.	-
B Complex with C and B-12 Injection	Butler	Beef cattle	I.M., I.V.	-
Benza-Pen®	W.V.S.	Beef cattle	S.C.	30d
<i>Note: Do not use in calves to be processed for veal. Treatment in beef cattle must be limited to 2 doses.</i>				
Bicarboject	Vetus	Beef cattle	I.V.	-
BioDres® Wound Dressing	DVM	Beef cattle	Topical	-
Biolyte®	Pharmacia & Upjohn	Beef cattle	Oral	-
Bio-Mycin® 200	Boehringer Ingelheim	Cattle	I.M., I.V.	28d
		Cattle	S.C.	36d
Bio-Mycin® C	Bio-Cautic	Cattle	I.M.	18d
<i>Note: Do not inject more than 10 mL (cc) per site I.M. in mature cattle. Do not use in calves to be processed for veal. Use beyond 4 days may result in tissue residues beyond the withdrawal time.</i>				
Biopect™	Durvet	Beef cattle	Oral	-
Biosol® Liquid	Pharmacia & Upjohn	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Bismu-Kote Suspension	Vedco	Beef cattle	Oral	-
Bismusal	A.H.A.	Beef cattle	Oral	-
Bismusal	Chem-Tronics	Beef cattle	Oral	-
Bismusal Suspension	RXV	Beef cattle	Oral	-
Bismusol	First Priority	Cattle	Oral	-
Bloat Guard® Liquid Type A Medicated Article	Pfizer Animal Health	Beef cattle	Oral	-
Bloat Guard® Top Dressing Medicated	Pfizer Animal Health	Beef cattle	Oral	-
Bloat Guard® Type A Medicated Article	Pfizer Animal Health	Beef cattle	In the feed	-

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Bloat-Pac®	Vet-A-Mix	Cattle	I.R., Oral	-
Bloat Treatment	AgriPharm	Cattle	Oral	3d
Bloat Treatment	Butler	Beef cattle	Oral	-
Bloat Treatment	RXV	Cattle	Oral	3d
Blood Stop Powder	AgriLabs	Cattle	Topical	-
<i>Note: Not for use on animals intended for food purposes.</i>				
Blood Stop Powder	AgriPharm	Beef cattle	Topical	-
Blood Stop Powder	Aspen	Beef cattle	Topical	-
Blood Stop Powder	Durvet	Beef cattle	Topical	-
Blood Stop Powder	RXV	Beef cattle	Topical	-
Biuelite® C	TechMix	Beef cattle	Oral	-
Blue Lotion	AgriLabs	Cattle	Topical	-
Blue Lotion	Famam	Cattle	Topical	-
<i>Note: Not for use on animals intended for food purposes.</i>				
Blue Lotion Aerosol	Anchor	Cattle	Topical	-
Blue Lotion Topical Antiseptic	Aspen	Cattle	Topical	-
Blue Lotion Topical Antiseptic	First Priority	Cattle	Topical	-
BMD® 30	Alpharma	Beef cattle	In the feed	-
BMD® 50	Alpharma	Beef cattle	In the feed	-
BMD® 60	Alpharma	Beef cattle	In the feed	-
Bo-Bac-2X™	Anchor	Cattle	S.C.	21d
Boltan III™	Butler	Cattle	Oral	-
BO-SE®	Schering-Plough	Calves	I.M., S.C.	30d
Boss™ Pour-On Insecticide	Schering-Plough	Cattle	Topical	-
BovaMune™	AgriLabs	Cattle	I.M., S.C.	21d
Bovatec®	Roche Vitamins	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal.</i>				
BovaZine SR Calf Bolus	Vedco	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
BovaZine SR Cattle Bolus	Vedco	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
BovEye®	Pfizer Animal Health	Cattle	S.C.	21d
Bovi-K 4™	Pfizer Animal Health	Cattle	I.M.	21d
Bovine 3	Durvet	Cattle	I.M., S.C.	21d
Bovine 4	Durvet	Cattle	I.M., S.C.	21d
Bovine 4 KL	Durvet	Cattle	I.M., S.C.	21d
Bovine 8	Durvet	Cattle	I.M., S.C.	21d
Bovine 9	Durvet	Cattle	I.M., S.C.	21d
Bovine BlueLite®	TechMix	Beef cattle	Oral	-
Bovine Ecolizer®	Grand	Cattle	Oral	21d
Bovine Ecolizer®+C	Grand	Cattle	Oral	21d
Bovine Maximizer™	Grand	Beef cattle	Oral	-
Bovine Past H-1	Durvet	Cattle	I.M., S.C.	60d
Bovine Pill Shield™	Grand	Cattle	I.M.	60d
Bovine Rhinotracheitis-Parainfluenza ₃ Vaccine	Colorado Serum	Cattle	I.M.	21d
Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza-3 Vaccine	Colorado Serum	Cattle	I.M.	21d
Bovi-Sera™ Serum Antibodies	Colorado Serum	Cattle	I.M., S.C.	21d
BovShield® 3	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® 4	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® 4+L5	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® BRSV	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® IBR	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® IBR-BRSV-LP	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® IBR-BVD	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® IBR-BVD-BRSV-LP	Pfizer Animal Health	Cattle	I.M.	21d
BovShield® IBR-PI ₃ -BRSV	Pfizer Animal Health	Cattle	I.M.	21d
BP-1	AgriPharm	Beef cattle	Oral	-
BP-1 Special Blend	RXV	Beef cattle	Oral	-
BRD-1®	Franklin	Cattle	I.M., S.C.	21d
Breed-Back-10™	Anchor	Cattle	I.M.	21d
Breed-Back-10	Bio-Ceutic	Cattle	I.M.	21d
BRSV Vac®	Bayer Corporation	Cattle	I.M., S.C.	21d
BRSV Vac® 3	Bayer Corporation	Cattle	I.M.	21d
BRSV Vac® 4	Bayer Corporation	Cattle	I.M.	21d

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
BRSV Vac® 9	Bayer Corporation	Cattle	I.M.	21d
BRSV Vac® F3Lp	Bayer Corporation	Cattle	I.M.	21d
<i>Note: Not for use in calves nursing pregnant animals. Not for use in pregnant animals.</i>				
Brucella Abortus Vaccine (Strain 19)	Professional Biological	Cattle	S.C.	21d
Brucella Abortus Vaccine (Strain RB-51)	Professional Biological	Cattle	S.C.	21d
Cal-Dex CMPK	A.H.A.	Beef cattle	I.V.	-
Cal-Dex C-M-P-K	ProLabs	Beef cattle	I.V.	-
Cal-Dex CMPK	Wendt	Cattle	I.V.	-
Cal Dex CMPK Injection	Aspen	Beef cattle	I.V.	-
Cal-Dextro® No. 2	Fort Dodge	Beef cattle	I.M., I.P., I.V., S.C.	-
Cal-Dextro® Special	Fort Dodge	Beef cattle	I.M., I.P., I.V., S.C.	-
Calf-Guard®	Pfizer Animal Health	Cattle	I.M., Oral	21d
Calf Quencher	Vedco	Beef cattle	Oral	-
Calf Restart™ One-4	TechMix	Calves	Oral	-
Calf Scour Bolus Antibiotic	Durvet	Calves	Oral	24h
<i>Note: Do not use in calves to be processed for veal.</i>				
Cal MP-1000	Butler	Beef cattle	I.V.	-
Cal-MP 1700™	Butler	Beef cattle	I.V.	-
Cal-MPK 1234™	Butler	Beef cattle	I.V.	-
Cal-Phos #2	Vedco	Beef cattle	I.V.	-
Cal-Phos #2 Injection	Phoenix	Beef cattle	I.V.	-
Cal-Phos #2 with Potassium Injection	Phoenix	Beef cattle	I.V.	-
Campylobacter Fetus Bacterin-Bovine	Colorado Serum	Cattle	S.C.	60d
Carmilax® Bolets® and Camilax® Powder	Pfizer Animal Health	Cattle	Oral	-
CattleMaster® 4	Pfizer Animal Health	Cattle	I.M.	21d
CattleMaster® 4+L5	Pfizer Animal Health	Cattle	I.M.	21d
CattleMaster® 4+VL5	Pfizer Animal Health	Cattle	I.M.	21d
CattleMaster® BVD-K	Pfizer Animal Health	Cattle	I.M.	21d
Cattle-Vac™ 4	Durvet	Cattle	I.M., S.C.	21d
Cattle-Vac™ 4-Somnus	Durvet	Cattle	I.M., S.C.	21d
Cattle-Vac™ 8	Durvet	Cattle	I.M., S.C.	21d
Cattle-Vac™ 9	Durvet	Cattle	I.M., S.C.	21d
Cattle-Vac™ 9-Somnus	Durvet	Cattle	I.M., S.C.	21d
Cattlyst®	Roche Vitamins	Beef cattle	In the feed	-
C-D Antitoxin	Anchor	Cattle	S.C.	21d
C-D Toxoid	Anchor	Cattle	S.C.	21d
C & D Toxoid	Aspen	Cattle	I.M., S.C.	21d
Chlora-Lube	AgriLabs	Beef cattle	I.U., Topical	-
ChlorhexiDerm™ Disinfectant	DVM	Cattle	Topical	-
ChlorhexiDerm™ Scrub	DVM	Beef cattle	Topical	-
Chlorhexidine Disinfectant Solution	AgriLabs	Beef cattle	Topical	-
Chlorhexidine Scrub	First Priority	Beef cattle	Topical	-
Chlorhexi-Lube	First Priority	Cattle	Topical	-
ChlorHex Surgical Scrub	Vedco	Beef cattle	I.U., Topical	-
ChlorMax™ 50	Alpharma	Cattle	Oral	48h
Chlor-Scrub 40™	Butler	Beef cattle	Topical	-
Chorionic Gonadotropin	Butler	Beef cattle	Intrafollicular, I.M., I.V.	-
Chorionic Gonadotropin for Injection, USP	Steris	Beef cattle	Intrafollicular, I.M., I.V.	-
Chorulon®	Intervet	Beef cattle	I.M.	-
C-Ject 250	Vetus	Beef cattle	I.M., I.V.	-
Clostratox® BCD	Grand	Cattle	S.C.	21d
Clostratox® C	Grand	Cattle	S.C.	21d
Clostratox® Ultra C 1300	Grand	Cattle	S.C.	21d
Clostridial 7-Way	AgriLabs	Cattle	I.M., S.C.	21d
Clostridial 7-Way plus Somnumune™	AgriLabs	Cattle	I.M., S.C.	21d
Clostridial 8-Way	AgriLabs	Cattle	I.M., S.C.	21d
Clostridium Chauvoei-Septicum Bacterin	Colorado Serum	Cattle	S.C.	21d
Clostridium Chauvoei-Septicum-Novyi-Sordellii Bacterin-Toxoid	Colorado Serum	Cattle	I.M., S.C.	21d
Clostridium Chauvoei-Septicum-Pasteurella Haemolytica-Multocida Bacterin	Colorado Serum	Cattle	S.C.	21d
Clostridium Perfringens Type C Antitoxin	Colorado Serum	Cattle	I.V., S.C.	21d

Refer to product label for more complete information.

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Clostridium Perfringens Types C & D Antitoxin	Colorado Serum	Cattle	S.C.	21d
<i>Note: If emergency conditions require vaccination of animals reaching market age and condition, these should not be offered for slaughter in less than 21 days after administration of the vaccine.</i>				
Clostridium Perfringens Types C & D-Tetanus Toxoid	Colorado Serum	Cattle	I.M., S.C.	21d
Clostridium Perfringens Types C & D Toxoid	Colorado Serum	Cattle	I.M., S.C.	21d
Clostri Shield® BCD	Grand	Cattle	I.M.	21d
Clostri Shield® C	Grand	Cattle	I.M.	21d
Clostri Shield® D	Grand	Cattle	I.M.	21d
Clovite®	Franklin	Beef cattle	Oral	-
Clovite® Conditioner	Fort Dodge	Beef cattle	Oral	-
CLTC® 100 MR	Pfizer Animal Health	Beef cattle	Oral	-
CMPK	RXV	Beef cattle	I.V.	-
C M P K	W.V.S.	Beef cattle	I.V.	-
CMPK-Dex	Vetus	Cattle	I.V.	-
C-M-P-K Injection	Vet Tek	Beef cattle	I.V.	-
CMPK Oral	AgriPharm	Beef cattle	Oral	-
CMPK Oral Solution 33%	Vedco	Beef cattle	Oral	-
CMPK Solution	Aspen	Cattle	Oral	-
CMPK Solution	Vedco	Beef cattle	I.V.	-
Colostrum-Guard	Jorgensen	Beef cattle	Oral	-
Colostrum-Plus	Jorgensen	Beef cattle	Oral	-
Colostrum Powder	Vedco	Beef cattle	Oral	-
Colostrx®	Schering-Plough	Calves	Oral	-
Combicillin	Anthony	Beef cattle	S.C.	30d
Comeback™	AgriPharm	Calves	Oral	-
Comeback™	RXV	Calves	Oral	-
Commando™ Insecticide Cattle Ear Tag	Boehringer Ingelheim	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Component™ E-C	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Component™ E-H	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in breeding herd replacements.</i>				
Component™ E-S	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Component™ TE-S	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in breeding animals.</i>				
Component™ T-H	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in breeding animals.</i>				
Component™ T-S	VetLife	Beef cattle	Implant	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in breeding animals.</i>				
Compudose®	VetLife	Beef cattle	Implant	-
<i>Note: Not for use in breeding animals.</i>				
Conquest™-1+3	Aspen	Cattle	I.M., S.C.	21d
Conquest™-4K	Aspen	Cattle	I.M., S.C.	21d
Conquest™-4K+H.S.	Aspen	Cattle	I.M., S.C.	21d
Conquest™-4KW	Aspen	Cattle	I.M.	21d
Conquest™-4KW+H.S.	Aspen	Cattle	I.M.	21d
Conquest™ 5K (oil base)	Aspen	Cattle	I.M.	60d
Conquest™ 5K+VL5 (oil base)	Aspen	Cattle	I.M.	60d
Conquest™-8K	Aspen	Cattle	I.M., S.C.	21d
Conquest™-9K	Aspen	Cattle	I.M., S.C.	21d
Conquest™-9K+H.S.	Aspen	Cattle	I.M., S.C.	21d
Controlled Iodine Spray	Durvet	Beef cattle	Topical	-
Controlled Iodine Spray	Vet Tek	Beef cattle	Topical	-
Copasure®-12.5	Schering-Plough	Calves	Oral	-
Copasure®-25	Schering-Plough	Cattle	Oral	-
Co-Ral® 1%	Durvet	Cattle	Topical	-
Co-Ral® 1% Dust	AgriLabs	Beef cattle	Topical	-
Co-Ral® Animal Insecticide 1% Dust	A.H.A.	Beef cattle	Topical	-
Co-Ral® Emulsifiable Livestock Insecticide	Bayer Corporation	Cattle	Topical	-
Co-Ral® Fly and Tick Spray	Bayer Corporation	Cattle	Topical	-

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
Corid® 1.25% Crumbles	Merial	Calves	Oral	24h
Corid® 9.6% Oral Solution	Merial	Calves	Oral	24h
<i>Note: Do not use in calves to be processed for veal.</i>				
Corid® 20% Soluble Powder	Merial	Calves	Oral	24h
<i>Note: Do not use in calves to be processed for veal.</i>				
Corrective Suspension	Phoenix	Beef cattle	Oral	-
Cow-Vac® 9	Aspen	Cattle	I.M., S.C.	21d
Crystiben®	Fort Dodge	Beef cattle	S.C.	30d
Crysticillin® 300 A.S.	Fort Dodge	Calves	I.M.	7d
		Cattle	I.M.	4d
CTC 50	Durvet	Cattle	In the feed	48h
CTC Soluble Powder Concentrate	Durvet	Calves	Oral	24h
Curatrem®	Merial	Cattle	Oral	8d
Cutter 1™ Ear Tags	Bayer Corporation	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Cutter Blue® Ear Tags	Bayer Corporation	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Cutter Gold® Ear Tags	Bayer Corporation	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Cyanocobalamin Injectable 1000 mcg/mL	Wendt	Beef cattle	I.M., S.C.	-
Cyanocobalamin Injectable 3000 mcg/mL	Wendt	Beef cattle	I.M., S.C.	-
Cyanocobalamin Injectable 5000 mcg/mL	Wendt	Beef cattle	I.M., S.C.	-
Cylectin® Pour-On	Fort Dodge	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				
CyLence® Pour-On Insecticide	Bayer Corporation	Beef cattle	Topical	-
Cystorelin®	Merial	Cattle	I.M., I.V.	-
Dairy Bomb	AgriLabs	Beef cattle	Topical	-
Dairy Bomb-30	Durvet	Cattle	Topical	-
Dairy Bomb-55	Durvet	Cattle	Topical	-
Dectomax® Injectable Solution	Pfizer Animal Health	Cattle	I.M., S.C.	35d
<i>Note: Do not use in calves to be processed for veal.</i>				
Defensor®	Pfizer Animal Health	Cattle	I.M.	21d
Dehorning Paste	RXV	Beef cattle	Topical	-
Dehorning Paste	Wendt	Beef cattle	Topical	-
Del-Phos® Emulsifiable Liquid	Schering-Plough	Cattle	Topical	3d
Dexaject	Vetus	Cattle	I.M., I.V.	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Dexalyte	Butler	Beef cattle	I.P., I.V., S.C.	-
Dexalyte 8X Powder	Butler	Beef cattle	Oral	-
Dexamethasone Solution	Aspen	Cattle	I.M., I.V.	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Dexamethasone Solution	Butler	Cattle	I.M., I.V.	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Dexamethasone Solution	Phoenix	Cattle	I.M., I.V.	-
<i>Note: Do not use in calves to be processed for veal.</i>				
Dexolyte Solution	Phoenix	Beef cattle	I.P., I.V.	-
Diamine Iodide-20 (With Salt)	First Priority	Cattle	Oral	-
Diamine Iodide-40 (With Salt)	First Priority	Cattle	Oral	-
Diamine Iodide (With Sugar)	First Priority	Cattle	Oral	-
Di-Methox™ 12.5% Oral Solution	AgriLabs	Calves	Oral	7d
		Cattle	Oral	7d
Di-Methox™ Injection-40%	AgriLabs	Cattle	I.V.	5d
Di-Methox™ Soluble Powder	AgriLabs	Calves	Oral	7d
		Cattle	Oral	7d
Discovery®-3	Franklin	Cattle	I.M., S.C.	21d
Discovery®-3L5	Franklin	Cattle	I.M., S.C.	21d
Discovery®-3 VL5	Franklin	Cattle	S.C.	60d
Discovery®-4	Franklin	Cattle	I.M., S.C.	21d
Discovery®-4+PH	Franklin	Cattle	I.M.	21d
Discovery®-4+PH/somnus	Franklin	Cattle	I.M., S.C.	21d
Discovery®-4+somnus	Franklin	Cattle	I.M.	21d
Discovery®-4L5	Franklin	Cattle	I.M., S.C.	21d
Discovery®-4L5+PH	Franklin	Cattle	I.M.	21d
Discovery®-4L5+somnus	Franklin	Cattle	I.M.	21d
DI-Alpha Tocopherol Acetate Injection	Vedco	Beef cattle	I.M., S.C.	-
D-Lyte H ₂ O-K™	Fort Dodge	Beef cattle	Oral	-
Dominator® Ear Tags	Schering-Plough	Beef cattle	Ear tags	-

Refer to product label for more complete information.

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Double "A" Concentrate	Vedco	Beef cattle	Oral	-
Double "A" Solution	Vedco	Beef cattle	Oral	-
Double Barrel™ Insecticide Ear Tags	Schering-Plough	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Double Impact™	AgriLabs	Cattle	S.C.	35d
Dr. Naylor® Dehorning Paste	H.W. Naylor	Beef cattle	Topical	-
Dr. Naylor® Hoof 'n Heel®	H.W. Naylor	Beef cattle	Topical	-
Dual-Cillin	Phoenix	Beef cattle	S.C.	30d
<i>Note: Treatment in beef cattle must be limited to 2 doses.</i>				
Duomag 96 Oral Gel	Vedco	Cattle	Oral	-
Duo-Pen®	AgriPharm	Beef cattle	S.C.	30d
Duo-Pen®	RXV	Beef cattle	S.C.	30d
Duo-Pen	Vet Tek	Beef cattle	S.C.	30d
<i>Note: Do not use in calves to be processed for veal. Treatment in beef cattle must be limited to 2 doses.</i>				
Duramycin 10	Durvet	Calves	Oral	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Duramycin-50	Durvet	Cattle	I.V.	19d
Duramycin 72-200	Durvet	Cattle	I.M.	28d
Duramycin-100	Durvet	Cattle	I.V.	19d
Duramycin-324	Durvet	Calves	Oral	5d
Dura-Pen	Durvet	Beef cattle	S.C.	30d
Durapen™	Vedco	Beef cattle	S.C.	30d
Durasect™ Long-Acting Livestock Pour-On	Pfizer Animal Health	Cattle	Topical	-
Dybelon™	Bio-Ceutic	Cattle	S.C.	21d
E. coli Bac	AgriLabs	Cattle	I.M., S.C.	21d
E. Colicin-B™	AgriLabs	Calves	I.N., Oral	21d
ECP® Sterile Solution	Pharmacia & Upjohn	Beef cattle	I.M.	-
Ectiban® DeLice®	Durvet	Beef cattle	Topical	-
Ectrin® Insecticide Cattle Ear Tag	Boehringer Ingelheim	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
E.D.D.I. 20 Gr. (Dextrose Base)	Vedco	Cattle	Oral	-
E.D.D.I. 20 Gr. (Salt)	Vedco	Cattle	Oral	-
E.D.D.I. 40 Gr. (Salt)	Vedco	Cattle	Oral	-
Electroid® 7 Plus H.S. Vaccine	Schering-Plough	Cattle	I.M., S.C.	21d
Electroid® 7 Vaccine	Schering-Plough	Cattle	I.M., S.C.	21d
Electrolyte Powder 8X	Phoenix	Beef cattle	Oral	-
Electrolyte Solution	ProLabs	Beef cattle	I.P., I.V.	-
Electrolyte Solution	Vet Tek	Beef cattle	I.P., I.V.	-
Electrolyte Solution with Dextrose	Vedco	Beef cattle	I.P., I.V.	-
Electrolytes-Plus	Russell	Beef cattle	Oral	-
Electrolyte w/Dextrose Injection	Aspen	Beef cattle	I.P., I.V.	-
Electro R	Russell	Beef cattle	Oral	-
Elite 4™	Anchor	Cattle	I.M.	21d
Elite 4™	Bio-Ceutic	Cattle	I.M.	21d
Elite 4-HS™	Anchor	Cattle	I.M.	21d
Elite 4-HS™	Bio-Ceutic	Cattle	I.M.	21d
Elite 9™	Anchor	Cattle	I.M.	21d
Elite 9™	Bio-Ceutic	Cattle	I.M.	21d
Elite 9-HS™	Anchor	Cattle	I.M.	21d
Elite 9-HS™	Bio-Ceutic	Cattle	I.M.	21d
Elpak™-G	Vedco	Beef cattle	Oral	-
EmulsiVit AE	Vedco	Beef cattle	I.M., S.C.	-
EmulsiVit E-300	Vedco	Beef cattle	I.M., S.C.	-
EmulsiVit E-500	Vedco	Beef cattle	I.M., S.C.	-
EmulsiVit E/A&D	Vedco	Beef cattle	I.M., S.C.	-
EmulsiVit E/A&D w B ₁₂	Vedco	Beef cattle	I.M., S.C.	-
Encore™	VetLife	Beef cattle	Implant	-
<i>Note: For subcutaneous ear implantation on steer and heifers only.</i>				
ENDOVAC-Bovi®	Immvac	Cattle	I.M.	60d
Endura-Lyte®	Life Science	Beef cattle	Oral	-
Entrolyte®	Pfizer Animal Health	Beef cattle	Oral	-
Entrolyte® H.E.	Pfizer Animal Health	Beef cattle	Oral	-
Equi-Phar™ Electrolyte with Dextrose	Vedco	Beef cattle	I.P., I.V.	-
Estrumate®	Bayer Corporation	Beef cattle	I.M.	-

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
Ethydide	Vet-A-Mix	Cattle	Oral	-
Excallbur® Ear Tags	Schering-Plough	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Expar® Extra Insecticide Ear Tags	Schering-Plough	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Expar® Pour-On Insecticide	Schering-Plough	Beef cattle	Topical	-
Express 4™	Anchor	Cattle	I.M.	21d
Express 4™	Bio-Ceutic	Cattle	I.M.	21d
Express 4-HS™	Anchor	Cattle	I.M.	21d
Express 4-HS™	Bio-Ceutic	Cattle	I.M.	21d
Factrel®	Fort Dodge	Cattle	I.M.	-
Feed Mate™ 68	Anchor	Beef cattle	Oral	-
Feed Mate™ Calf/Veal	Anchor	Beef cattle	Oral	-
Feed-Mate™ Reload™ Gel	Anchor	Beef cattle	Oral	-
Fermicon-7™+Haemolyticum (8-Way)	Bio-Ceutic	Cattle	S.C.	21d
Fermicon 7/Somnugen™	Bio-Ceutic	Cattle	I.M.	21d
Fermicon CD™	Bio-Ceutic	Cattle	S.C.	21d
Fermicon CD/T	Bio-Ceutic	Cattle	I.M., S.C.	21d
Finaplix®-H	Hoechst Roussel Vet	Cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Finaplix®-S	Hoechst Roussel Vet	Cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
First Defense™	ImmuCell	Beef cattle	Oral	-
Foot Rot & Ringworm Spray	AgriLabs	Beef cattle	Topical	-
Formula 911®	AgriPharm	Beef calves	Oral	-
		Calves	Oral	-
Formula 911®	RXV	Beef cattle	Oral	-
Fortified Vitamin B Complex	AgriLabs	Beef cattle	I.M., S.C.	-
Fortified Vitamin B-Complex	AgriPharm	Beef cattle	I.M.	-
Fortress® 7	Pfizer Animal Health	Cattle	S.C.	21d
Fortress® 8	Pfizer Animal Health	Cattle	S.C.	21d
Fortress® CD	Pfizer Animal Health	Cattle	S.C.	21d
Fusion™ 3	Merial	Cattle	I.M.	21d
Fusion™ 4	Merial	Cattle	I.M.	21d
Gainpro®-10	Hoechst Roussel Vet	Beef cattle	Oral	-
<i>Note: Not for use in animals intended for breeding.</i>				
Gallimycin®-100	Osborn®	Cattle	I.M.	14d
Gastro-Cote	Butler	Beef cattle	Oral	-
Gastro-Sorb™ Bolus	Butler	Beef cattle	Oral	-
Gastro-Sorb™ Calf Bolus	Butler	Calves	Oral	-
Genecol® 99	Schering-Plough	Beef cattle	Oral	-
Gentle Iodine	Butler	Beef cattle	Topical	-
Gentle Iodine 1%	Aspen	Beef cattle	Topical	-
Gentle Iodine 1%	Chem-Tronics	Beef cattle	Topical	-
Gentle Iodine 1%	Wendt	Beef cattle	Topical	-
Gentle Iodine Wound Spray	First Priority	Cattle	Topical	-
Gentle Iodine Wound Spray	Vedco	Beef cattle	Topical	-
Glucaminolyte Forte	Vedco	Beef cattle	Oral	-
Gluco-Amino-Forte Oral Solution	Phoenix	Beef cattle	Oral	-
Good Start Calf Bolus	RXV	Beef cattle	Oral	-
Good Start Calf Paste	RXV	Beef cattle	Oral	-
Granulex®-V Aerosol Spray	Pfizer Animal Health	Beef cattle	Topical	-
Granulex®-V Liquid	Pfizer Animal Health	Beef cattle	Topical	-
GX-118®	Wellmark	Beef cattle	Topical	21d
Hemostatic Powder	Butler	Beef cattle	Topical	-
Hemostat Powder	Phoenix	Beef cattle	Topical	-
Herd-Vac™ 3	Bayer Corporation	Cattle	I.M., S.C.	21d
Herd-Vac™ 3 S	Bayer Corporation	Cattle	I.M., S.C.	21d
Herd-Vac™ 8	Bayer Corporation	Cattle	I.M., S.C.	21d
Herd-Vac™ 9	Bayer Corporation	Cattle	I.M., S.C.	21d
Heritage® 1	Bayer Corporation	Cattle	I.M.	21d
Heritage® 1+LP	Bayer Corporation	Cattle	I.M.	21d
Heritage® 2	Bayer Corporation	Cattle	I.M.	21d
Heritage® 2+LP	Bayer Corporation	Cattle	I.M.	21d

Refer to product label for more complete information.

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Heritage® 3	Bayer Corporation	Cattle	I.M.	21d
Heritage® 7	Bayer Corporation	Cattle	I.M.	21d
Heritage® 8	Bayer Corporation	Cattle	I.M.	21d
Hexascrub Medical Scrub	Vetus	Beef cattle	Topical	-
Hexasol Solution	Vetus	Beef cattle	Topical	-
Hi-Boot® Ethylenediamine Dihydriodide	WestAgro	Cattle	Oral	-
High-D Dispersible	Russell	Beef cattle	Oral	-
High Level Vitamin-B Complex	Durvet	Beef cattle	I.M., S.C.	-
Hi-Po B Complex™	Butler	Beef cattle	I.M.	-
Hog & Cattle Vitamins and Electrolytes	Fort Dodge	Beef cattle	Oral	-
Horizon® 1+Vac 3	Bayer Corporation	Cattle	I.M., S.C.	21d
Horizon® 4	Bayer Corporation	Cattle	I.M., S.C.	21d
Horizon® 9	Bayer Corporation	Cattle	I.M., S.C.	21d
Horizon® 10	Bayer Corporation	Cattle	I.M., S.C.	21d
Hydra-Lyte	Vet-A-Mix	Beef cattle	Oral	-
Hydrogen Peroxide 3%	RXV	Beef cattle	Topical	-
Hydrogen Peroxide 3% Solution	First Priority	Cattle	Topical	-
Hydrogen Peroxide U.S.P.	Vedco	Beef cattle	Topical	-
Hypersaline E	Vetus	Cattle	I.V., S.C.	-
Hyper Saline Solution 8X	Butler	Beef cattle	I.V., S.C.	-
Hypertonic Saline Solution 7.2%	Phoenix	Beef cattle	I.V., S.C.	-
Hypertonic Saline Solution 7.2%	RXV	Beef cattle	I.V., S.C.	-
Hy-Sorb™	Osborn®	Beef cattle	Oral	-
IBL Vaccine	Aspen	Cattle	I.M.	21d
IBP-L5 Vaccine	Aspen	Cattle	I.M., S.C.	21d
IBP-RS-L5 Vaccine	Aspen	Cattle	I.M.	21d
IBP-RS Vaccine	Aspen	Cattle	I.M.	21d
IBP-SomnuMune® Vaccine	Aspen	Cattle	I.M., S.C.	21d
IBP Vaccine	Aspen	Cattle	I.M., S.C.	21d
IBR-BVD-PI ₃ /Bar Somnus 2-P™	Anchor	Cattle	I.M.	21d
IBR-BVD-PI ₃ /Somnugen 2-P	Bio-Ceutic	Cattle	I.M.	21d
IBR-PI ₃ /Bar Somnus 2-P™	Anchor	Cattle	I.M.	21d
IBR Plus™ 4-Way	Merial	Cattle	I.M.	21d
IBR Vaccine	Aspen	Cattle	I.M.	21d
Ichthammol Ointment	First Priority	Cattle	Topical	-
Identi-Mark™ Blue Tablets	Bayer Corporation	Cattle	Topical	-
Identi-Mark™ Green Tablets	Bayer Corporation	Cattle	Topical	-
Identi-Mark™ Orange Tablets	Bayer Corporation	Cattle	Topical	-
Identi-Mark™ Red Tablets	Bayer Corporation	Cattle	Topical	-
IL Vaccine	Aspen	Cattle	I.M.	21d
Implus-C™	Pharmacia & Upjohn	Beef cattle	S.C.	-
Note: Do not use in calves less than 45 days of age. Do not use in calves weighing more than 185 kg (400 lbs) of body weight. Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in veal calves intended for slaughter or in calves intended for reproduction.				
Implus-H®	Pharmacia & Upjohn	Beef cattle	S.C.	-
Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.				
Implus-S®	Pharmacia & Upjohn	Beef cattle	S.C.	-
Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.				
Intesti-Sorb Bolus	AgriPharm	Beef cattle	Oral	-
Intesti-Sorb Bolus	RXV	Beef cattle	Oral	-
Intesti-Sorb Calf Bolus	AgriPharm	Beef cattle	Oral	-
Intesti-Sorb Calf Bolus	RXV	Beef cattle	Oral	-
Intrauterine Bolus	AgriLabs	Beef cattle	I.U., Topical	-
Iodine 7% Tincture	AgriLabs	Beef cattle	Topical	-
Iodine Tincture 7%	AgriPharm	Beef cattle	Topical	-
Iodine Tincture 7%	First Priority	Cattle	Topical	-
Iodine Tincture 7%	Vedco	Beef cattle	Topical	-
Iodine Wound Spray	AgriLabs	Beef cattle	Topical	-
Iodine Wound Spray 1.0%	AgriPharm	Beef cattle	Topical	-
Iodine Wound Spray 1.0%	RXV	Beef cattle	Topical	-
Iodine Wound Spray 2.44%	AgriPharm	Beef cattle	Topical	-
Iodine Wound Spray 2.44%	RXV	Beef cattle	Topical	-
Iodoject	Vetus	Cattle	I.V.	-
Iofec®-20 Disinfectant	Loveland	Cattle	Topical	-

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
IP-RS Vaccine	Aspen	Cattle	I.M.	21d
I-Site™	AgriLabs	Cattle	S.C.	21d
Ivomec® 1% Injection for Cattle and Swine	Merial	Cattle	S.C.	35d
Ivomec® Eprinex® Pour-On for Beef and Dairy Cattle	Merial	Cattle	Topical	-
Ivomec® Plus Injection for Cattle	Merial	Cattle	S.C.	49d
Ivomec® Pour-On for Cattle	Merial	Cattle	Topical	48d
Ivomec® SR Bolus	Merial	Cattle	Oral	180d
Journey™ 3	Merial	Cattle	I.M.	21d
Journey™ 4	Merial	Cattle	I.M., S.C.	21d
J • Vac®	Merial	Cattle	I.M., S.C.	21d
J • Vac® 4L5	Merial	Cattle	I.M., S.C.	21d
J • Vac® L5	Merial	Cattle	I.M.	21d
K1 Veterinary™	Wendt	Beef cattle	I.V.	-
K99 Shield™	Grand	Cattle	I.M., S.C.	60d
Kaolin Pectin	A.H.A.	Beef cattle	Oral	-
Kaolin-Pectin	Durvet	Beef cattle	Oral	-
Kaolin-Pectin Plus	AgriPharm	Beef cattle	Oral	-
Kaolin-Pectin Plus	RXV	Beef cattle	Oral	-
Kaolin Pectin Suspension	First Priority	Cattle	Oral	-
Kao-Pec	AgriLabs	Beef cattle	Oral	-
Kaopectol	Chem-Tronics	Beef cattle	Oral	-
Kaopectolin	Aspen	Beef cattle	Oral	-
Kaopectolin™	Butler	Beef cattle	Oral	-
Keto Amino Forte™	Butler	Beef cattle	Oral	-
K-Ject	Vetus	Calves Cattle	I.M., I.V., S.C. I.M., I.V., S.C.	-
K-Sol	Vet-A-Mix	Beef cattle	Oral	-
LA Aspirin Boluses	Wendt	Cattle	Oral	-
Lactated Ringers	Vet Tek	Beef cattle	I.P., I.V.	-
Lactated Ringer's Injection	Vedco	Beef cattle	I.V., S.C.	-
Lactated Ringer's Injection, USP	A.H.A.	Beef cattle	I.V., S.C.	-
Lactated Ringer's Solution	RXV	Beef cattle	I.P., I.V.	-
Lactolyte-Gold™	Butler	Beef cattle	Oral	-
Land O Lakes® Instant Amplifier® Max NT	Land O'Lakes	Calves	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Land O Lakes® Instant Amplifier® Select NT	Land O'Lakes	Calves	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Land O Lakes® Instant Maxi Care® NT	Land O'Lakes	Calves	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Lanodine™	Butler	Beef cattle	Topical	-
Lasix® Injection 5%	Hoechst Roussel Vet	Cattle	I.M., I.V.	48h
Lasix® Tablets	Hoechst Roussel Vet	Cattle	Oral	2d
Laxade Bolus	AgriPharm	Cattle	Oral	-
Laxade Bolus	RXV	Cattle	Oral	-
Laxade Powder	AgriPharm	Cattle	Oral	-
Laxade Powder	RXV	Beef cattle	Oral	-
Lepto 5	AgriLabs	Cattle	I.M., S.C.	21d
Lepto 5	Bayer Corporation	Cattle	I.M., S.C.	21d
Lepto 5	Durvet	Cattle	I.M., S.C.	21d
Lepto 5	Merial	Cattle	I.M.	21d
Lepto 5	Premier Farmtech	Cattle	I.M., S.C.	21d
Lepto 5 Vaccine	Aspen	Cattle	I.M., S.C.	21d
Leptoform-5®	Pfizer Animal Health	Cattle	I.M.	21d
Lepto Shield™ 5	Grand	Cattle	I.M.	21d
LeukoTox®	A.A.H.	Cattle	I.M.	60d
LeukoTox® 1	A.A.H.	Cattle	I.M., S.C.	60d
LeukoTox® M	A.A.H.	Cattle	I.M., S.C.	60d
LeukoTox® MTD	A.A.H.	Cattle	I.M.	60d
Levamisole Phosphate	AgriLabs	Cattle	S.C.	7d
Levamisole Phosphate Injectable Solution, 13.65%	Aspen	Cattle	S.C.	7d
Levasole® Cattle Dewormer Boluses	Schering-Plough	Cattle	Oral	48h
Levasole® Injectable Dewormer Solution, 13.65%	Schering-Plough	Cattle	S.C.	7d

Refer to product label for more complete information.

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Levasole® Soluble Drench Powder	Schering-Plough	Cattle	Oral	48h
Lib	Squire	Beef cattle	Oral	-
Lidocaine 2% Injectable	A.H.A.	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine 2% Injectable	Butler	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine HCl 2%	W.V.S.	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine HCl Injectable 2%	Aspen	Cattle	Epidural, Infiltration, Nerve block	-
Lidocaine HCl Injection 2%	RXV	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine Hydrochloride 2%	Vet Tek	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine Hydrochloride Injectable-2%	Phoenix	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidocaine Injectable 2%	Vedco	Beef cattle	Epidural, Infiltration, Nerve block	-
Lidoject	Vetus	Beef cattle	Epidural, Infiltration, Nerve block	-
Life Boost Bolus™	AgriLabs	Calves	Oral	-
Life Boost Replacer™	AgriLabs	Calves	Oral	-
Lintox®-HD	Wellmark	Cattle	Topical	3d
Liquamycin® LA-200®	Pfizer Animal Health	Cattle	I.M., I.V., S.C.	28d
Live Boost™ Plus	AgriLabs	Calves	Oral	-
Lixotinic®	Pfizer Animal Health	Beef cattle	Oral	-
Long Acting Penicillin	Premier Farmtech	Beef cattle	S.C.	30d
Louse Powder with Rabon®	LeGear	Beef cattle	Topical	-
Lugol's Solution	Butler	Beef cattle	I.U., Oral	-
Lutalyse® Sterile Solution	Pharmacia & Upjohn	Cattle	I.M.	-
Lysigin®	Bio-Ceutic	Cattle	I.M.	21d
Lysoff™ Pour-On Insecticide	Bayer Corporation	Cattle	Topical	21d
<i>Note: If a second or third application is made for louse or horn fly control, do not slaughter within 35 days of the last treatment.</i>				
Magnalax Bolus	Phoenix	Cattle	Oral	-
Magnalax Boluses	A.H.A.	Cattle	Oral	-
Magnalax Boluses	Aspen	Beef cattle	Oral	-
Magnalax Powder	A.H.A.	Cattle	Oral	-
Magnalax Powder	Phoenix	Cattle	Oral	-
Magnalax Powder	Vedco	Cattle	Oral	-
Magne-Lax™	Wendt	Beef cattle	I.V.	-
Mannject	Vetus	Beef cattle	I.V.	-
Maxi/Guard Pinkeye Bacterin	Addison	Cattle	S.C.	21d
Maxim-200®	Phoenix	Cattle	I.M., I.V.	28d
Maxi-Sorb Bolus	Durvet	Beef cattle	Oral	-
Medamycin®-100	Boehringer Ingelheim	Cattle	I.V.	22d
M.F.O. Solution	AgriLabs	Beef cattle	Oral	-
MGA® 200 Premix	Pharmacia & Upjohn	Cattle	Oral	48h
MGA® 500 Liquid Premix	Pharmacia & Upjohn	Cattle	Oral	48h
Micotil® 300 Injection	Elanco	Cattle	S.C.	28d
<i>Note: Do not use in calves to be processed for veal.</i>				
Microcillin	Anthony	Calves	I.M.	7d
		Cattle	I.M.	4d
Micro-Vet™ Eubiotic™ Gel	Bio-Ceutic	Beef cattle	Oral	-
Micro-Vet™ SF	Bio-Ceutic	Beef cattle	Oral	-
Micro-Vet™ VMS	Bio-Ceutic	Beef cattle	Oral	-
MicroZyme 28 Dispersible Powder	Vedco	Cattle	Oral	-
MicroZyme Bolus for Cattle	Vedco	Beef cattle	Oral	-
Mineral Oil	AgriLabs	Beef cattle	Oral	-
Mineral Oil	AgriPharm	Beef cattle	Oral	-
Mineral Oil	Aspen	Beef cattle	Oral	-
Mineral Oil	Durvet	Beef cattle	Oral	-
Mineral Oil	First Priority	Cattle	Oral	-
Mineral Oil	Vedco	Beef cattle	Oral	-
Mineral Oil 95 V	Butler	Cattle	Oral	-
Mineral Oil USP	Chem-Tronics	Beef cattle	Oral	-
Mineral Oil USP	Vetus	Beef cattle	Oral	-
MoorMan's® Beef Cattle Boost®	MoorMan's	Beef cattle	Oral	7d

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
MoorMan's® BMD® 30	MoorMan's	Beef cattle	In the feed	-
MoorMan's® Calf Grower BT	MoorMan's	Beef cattle	In the feed	-
MoorMan's® Calf Starter DC	MoorMan's	Cattle	Oral	-
MoorMan's® Cattle Minerals BT	MoorMan's	Beef cattle	In the feed	-
MoorMan's® Dust with Co-Ral® Insecticide	MoorMan's	Beef cattle	Topical	-
MoorMan's® Fly Spray	MoorMan's	Beef cattle	Topical	-
MoorMan's® IGR Cattle Concentrate	MoorMan's	Beef cattle	In the feed	-
MoorMan's® IGR Cattle Mix	MoorMan's	Beef cattle	In the feed	-
MoorMan's® IGR Minerals®	MoorMan's	Beef cattle	Oral	-
MoorMan's® Mintrate Blonde Block	MoorMan's	Beef cattle	Oral	-
MoorMan's® Moorguard® Minerals for Beef Cattle	MoorMan's	Cattle	Oral	13d
MoorMan's® Moormafume Dust with Co-Ral® Insecticide	MoorMan's	Cattle	Topical	-
MoorMan's® NT 10/10	MoorMan's	Calves	Oral	7d
MU-SE®	Schering-Plough	Cattle	I.M., S.C.	30d
MVT™ Bolus Wet Granulation Formula	Butler	Cattle	Oral	-
MVT™ Improved Bolus	Butler	Beef cattle	Oral	-
MVT Powder™	Butler	Cattle	Oral	-
Nasalgen® IP Vaccine	Schering-Plough	Cattle	I.N.	21d
Nasal-Ject I.P.	AgriLabs	Cattle	I.N.	21d
Naxcel®	Pharmacia & Upjohn	Cattle	I.M.	-
Nec-128	Tri Bio	Cattle	Oral	30d
Neomix® 325 Soluble Powder	Pharmacia & Upjohn	Cattle	Oral	1d
<i>Note: Not to be used in veal calves.</i>				
Neomix® Ag 325 Soluble Powder	Pharmacia & Upjohn	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Neomycin 200	Aspen	Cattle	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Neomycin 325	AgriLabs	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Neomycin 325	Durvet	Cattle	Oral	30d
Neomycin 325 Soluble Powder	Osborn®	Cattle	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Neomycin Oral Solution	Durvet	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Neomycin Oral Solution	Phoenix	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Neo-Oxy 10/10 Meal	PennField	Calves	In the feed	-
<i>Note: All use levels in milk replacers require a 30 day withdrawal before slaughter. Withdraw from calves 7 days before slaughter when used at a level of 1.4 g neomycin base plus 2 g oxytetracycline per head daily.</i>				
Neo-Oxy 50/50 Meal	PennField	Calves	In the feed	-
<i>Note: All use levels in milk replacers require a 30 day withdrawal before slaughter. Withdraw from calves 7 days before slaughter when used at a level of 1.4 g neomycin base plus 2 g oxytetracycline per head daily.</i>				
Neo-Oxy 100/50 Meal	PennField	Calves	In the feed	-
<i>Note: At all use levels in milk replacers for calves, withdraw 5 days before slaughter. Withdraw from calves 7 days before slaughter when used at a level of 1.4 g neomycin base plus 2 g oxytetracycline per head daily.</i>				
Neo-Predef®	Pharmacia & Upjohn	Beef cattle	Ophthalmic, Otic, Topical	-
Neosol Soluble Powder	Med-Pharmex	Cattle	Oral	30d
<i>Note: Do not use in calves to be processed for veal.</i>				
Neo-Terramycin® 50/50	Pfizer Animal Health	Calves	Oral	7d
<i>Note: When fed at the level of 1.4 g neomycin base plus 2 g oxytetracycline/calf/day requires withdrawal from feed 7 days before slaughter. A withdrawal is not required for calves fed at lower levels.</i>				
Neo-Terramycin® 50/50D	Pfizer Animal Health	Calves	Oral	30d
Neo-Terramycin® 100/50	Pfizer Animal Health	Calves	Oral	7d
<i>Note: When fed at the level of 1.4 g neomycin base plus 2 g oxytetracycline/calf/day requires withdrawal from feed 7 days before slaughter. A withdrawal is not required for calves fed at lower levels.</i>				
Neo-Terramycin® 100/50D	Pfizer Animal Health	Calves	Oral	30d
Neoved 200	Vedco	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
Neovet 325/100	RXV	Cattle	Oral	1d
<i>Note: Not to be used in veal calves.</i>				
Neovet® Neomycin Oral Solution	RXV	Cattle	Oral	30d
<i>Note: Not to be used in veal calves.</i>				
IFZ® Puffer	AgriLabs	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				
ifz® puffer	AgriPharm	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				

Refer to product label for more complete information.

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
NFZ® Puffer	Aspen	Cattle	Topical	-
<i>Note: Do not use in calves to be processed for veal.</i>				
NFZ® Puffer	Durvet	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				
NFZ® Puffer	Loveland	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				
nfz® Puffer	RXV	Cattle	Topical	-
<i>Note: Do not use on calves to be processed for veal.</i>				
Nolvalube®	Fort Dodge	Beef cattle	I.U., Topical	-
Nolvasan® Surgical Scrub	Fort Dodge	Beef cattle	Topical	-
Norcaliphos	Pfizer Animal Health	Beef cattle	I.V., S.C.	-
Normal Colostral Whey	Cuprem	Beef cattle	Oral	-
NRG-Plus™	Osborn®	Beef cattle	Oral	-
Nuflo® Injectable Solution 300 mg/mL	Schering-Plough	Cattle	I.M.	28d
<i>Note: Administer by I.M. injection in the neck only. Do not inject more than 10 mL per site. Do not use in calves to be processed for veal. Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Nutra Drench™	A.H.A.	Beef cattle	Oral	-
NutriVed™ EnerGel Forte	Vedco	Beef cattle	Oral	-
Ocu-guard™ MB	Anchor	Cattle	S.C.	21d
Ocu-guard™ MB	Bio-Ceutic	Cattle	S.C.	21d
Odyssey™-3 L.V.	AgriLabs	Cattle	I.M., S.C.	21d
Odyssey™-3 L.V.+K. BRSV	AgriLabs	Cattle	I.M., S.C.	21d
Odyssey™-3 L.V.+Lepto 5	AgriLabs	Cattle	I.M., S.C.	21d
Odyssey™-3 L.V.+SomnuMune®	AgriLabs	Cattle	I.M., S.C.	21d
Odyssey™-3 L.V.+V.L.5	AgriLabs	Cattle	I.M., S.C.	21d
Odyssey™-4 L.V.K.	AgriLabs	Cattle	I.M., S.C.	21d
Once PMH® Vaccine	Bayer Corporation	Cattle	I.M.	21d
One Shot®	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Oral Probiotic Calf Pak	AgriPharm	Beef cattle	Oral	-
Oral Probiotic Calf Pak with Colostrum	RXV	Beef cattle	Oral	-
Organic Iodide	Butler	Cattle	Oral	-
Organic Iodide 20	Durvet	Cattle	Oral	-
Organic Iodide 40	Durvet	Cattle	Oral	-
Organic Iodine	AgriLabs	Cattle	Oral	-
Organic Iodine	AgriPharm	Cattle	Oral	-
Organic Iodine	RXV	Beef cattle	Oral	-
Organic Iodine	Vetus	Cattle	I.M., I.V.	28d
OT 200	Durvet	Cattle	Oral	1d
OTC 50	Durvet	Cattle	Oral	-
Oxject	Vetus	Beef cattle	I.M., I.V., S.C.	-
OXTC® 50	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
OXTC® 100	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Oxybiotic™-100	Butler	Cattle	I.V.	19d
Oxybiotic™-200	Butler	Cattle	I.M., I.V.	28d
OxyCure™-100	Vedco	Cattle	I.V.	22d
<i>Note: Do not use in calves to be processed for veal.</i>				
OxyCure™ 200	Vedco	Cattle	I.M.	28d
Oxy-Mycin® 100	AgriPharm	Cattle	I.V.	19d
<i>Note: Do not use in calves to be processed for veal.</i>				
Oxy-Mycin® 100	RXV	Cattle	I.V.	22d
<i>Note: Do not use in calves to be processed for veal.</i>				
Oxy-Mycin® 200	AgriPharm	Cattle	I.M.	28d
Oxy-Mycin® 200	RXV	Cattle	I.M.	28d
Oxyshot™ LA	Osborn®	Cattle	I.M., I.V.	28d
Oxy-Tet 100™	Anchor	Cattle	I.M.	18d
Oxy-Vet 100	W.V.S.	Cattle	I.V.	22d
<i>Note: Do not use in calves to be processed for veal.</i>				
Oxy-Vet® 200	W.V.S.	Cattle	I.M.	28d
Panacur® Paste 10% 3.2 oz. (92 g) (Horse and Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d
Panacur® Paste 10% 10.2 oz. (290 g) (Beef and Dairy Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d

Product Name	Company Name	Species	Route of Administration	Meat
Panacur® Suspension 10% (Beef and Dairy Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d
Panmycin® 500	Pharmacia & Upjohn	Calves	Oral	12d
asteurella Haemolytica Multocida Bacterin	Colorado Serum	Cattle	S.C.	21d
Patriot™ Insecticide Cattle Ear Tags	Boehringer Ingelheim	Cattle	Ear tags	-
<i>Note: Remove tags before slaughter.</i>				
Pen-Aqueous	AgriPharm	Calves Cattle	I.M. I.M.	7d 4d
Pen-Aqueous	Durvet	Cattle	I.M.	10d
Pen-Aqueous	RXV	Cattle	I.M.	10d
Pen-Aqueous	W.V.S.	Cattle	I.M.	10d
Pen BP-48®	Pfizer Animal Health	Beef cattle	S.C.	30d
Pen-G	Phoenix	Cattle	I.M.	10d
Pen-G Procaine	Vet Tek	Cattle	I.M.	10d
<i>Note: Do not use in calves to be processed for veal.</i>				
Penicillin G Procaine	G.C. Hanford	Cattle	I.M.	10d
Penicillin G Procaine Aqueous Suspension	Butler	Cattle	I.M.	10d
Penject	Vetus	Cattle	I.M.	10d
<i>Note: Do not use in calves to be processed for veal.</i>				
Penject+B	Vetus	Beef cattle	S.C.	30d
<i>Note: Treatment in beef cattle must be limited to 2 doses.</i>				
Pennchlor 64	PennField	Calves	Oral	1d
Pennchlor 50•G™	PennField	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal. Withdraw from calves and beef cattle 10 days prior to slaughter when used at levels of 10 mg/lb body weight/day. Withdraw from cattle 48 hours prior to slaughter when used at levels of 0.5 mg/lb body weight/day.</i>				
Pennchlor 50 Meal	PennField	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal. Withdraw from calves and beef cattle 10 days prior to slaughter when used at levels of 10 mg/lb body weight/day. Withdraw from cattle 48 hours prior to slaughter when used at levels of 0.5 mg/lb body weight/day.</i>				
Pennchlor 70 Meal	PennField	Cattle	In the feed	-
<i>Note: Do not use in calves to be processed for veal. Withdraw from calves and beef cattle 10 days prior to slaughter when used at levels of 10 mg/lb body weight/day. Withdraw from cattle 48 hours prior to slaughter when used at levels of 0.5 mg/lb body weight/day.</i>				
Pennox 50 Meal	PennField	Cattle	In the feed	-
<i>Note: Withdraw from cattle 5 days before slaughter when used at a dose of 10 mg/lb body weight/day.</i>				
Pennox 100 Hi-Flo Meal	PennField	Cattle	In the feed	-
<i>Note: Withdraw from cattle 5 days before slaughter when used at a dose of 10 mg/lb body weight/day.</i>				
Pennox 100-MR	PennField	Calves	Oral	-
<i>Note: Withdraw from calves 5 days before slaughter when used at a dose of 10 mg/lb body weight/day.</i>				
Pennox 200	PennField	Cattle	I.M., I.V.	28d
Pennox 343	PennField	Cattle	Oral	5d
Pentothal® Sterile Powder	Merial	Beef cattle	I.V.	-
PfiChlor®	Pfizer Animal Health	Cattle	In the feed	-
<i>Note: Not to be administered to beef cattle within 48 hours of slaughter at levels of 350 mg or more per head per day. Not to be fed to beef cattle at 5.0 mg/lb. body weight per day within 10 days of slaughter.</i>				
Pfi-Pen G®	Pfizer Animal Health	Cattle	I.M.	10d
P.H. Bac™ 1	AgriLabs	Cattle	I.M., S.C.	60d
Phos-Aid	Butler	Cattle	I.M., I.V.	-
Phosphald Injection	Vedco	Cattle	I.M., I.V.	-
Physiological Saline Solution	Butler	Beef cattle	I.V., S.C.	-
Piliguard® E. Coli-1	Schering-Plough	Cattle	I.M.	60d
Piliguard® Pinkeye-1	Schering-Plough	Cattle	I.M.	60d
Piliguard® Pinkeye + 7	Schering-Plough	Cattle	I.M., S.C.	21d
Pinkeye-3	Aspen	Cattle	I.M., S.C.	21d
Pinkeye Shield™ XT4	Grand	Cattle	I.M.	60d
Pip-Pop 320	Vet-A-Mix	Beef cattle	Oral	-
Plazvax®	Schering-Plough	Cattle	S.C.	60d
Pneumosyn®-H	Franklin	Cattle	I.M., S.C.	21d
Pneumosyn®-H+somnus	Franklin	Cattle	I.M., S.C.	21d
Polydine™ Spray	First Priority	Cattle	Topical	-
Polyflex®	Fort Dodge	Cattle	I.M.	6d
Polylites IV	Butler	Beef cattle	Oral	-
polyotic® Concentrate Soluble Powder	Fort Dodge	Calves	Oral	4d
polyotic® Oblets®	Fort Dodge	Calves	Oral	14d
Polyotic® Soluble Powder	Fort Dodge	Calves	Oral	4d
Polyox® Powder	Osborn®	Beef cattle	Oral	-
Polyox® II Bolus	Osborn®	Beef cattle	Oral	-

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
PolySal™ B	A.A.H.	Cattle	I.M., S.C.	60d
Poly Serum®	Grand	Cattle	I.M., S.C.	21d
Povidern Medical Scrub	Vetus	Beef cattle	Topical	-
Povidine 0.75% Scrub	RXV	Beef cattle	Topical	-
Povidine™ Bolus	Butler	Cattle	Topical	-
Pre-Conditioning/Receiving Formula Gel	Durvet	Beef cattle	Oral	-
Predef® 2X	Pharmacia & Upjohn	Cattle	I.M.	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
PregGuard 9®	Pfizer Animal Health	Cattle	I.M.	21d
Premier® 4	Bayer Corporation	Cattle	I.M., S.C.	21d
Premier® 4-SomnuTech®	Bayer Corporation	Cattle	I.M., S.C.	21d
Premier® 8	Bayer Corporation	Cattle	I.M., S.C.	21d
Premier® 9	Bayer Corporation	Cattle	I.M., S.C.	21d
Premier® 9-SomnuTech®	Bayer Corporation	Cattle	I.M., S.C.	21d
PreResponse® HM	Fort Dodge	Cattle	I.M.	21d
PreResponse® SQ	Fort Dodge	Cattle	I.M., S.C.	21d
Pre-Vent 6™	AgriLabs	Cattle	I.M., S.C.	21d
Pro-Bac® 1	A.V.L.	Cattle	S.C.	60d
Pro-Bac® 3	A.V.L.	Calves	S.C.	60d
Pro-Bac® 3R	A.V.L.	Calves	S.C.	60d
Pro-Bac® 4	A.V.L.	Calves	S.C.	60d
Procal™ Powder	Butler	Beef cattle	Oral	-
Prodine Ointment	Phoenix	Beef cattle	Topical	-
Prodine Scrub	Phoenix	Beef cattle	Topical	-
Prohibit™ Soluble Drench Powder	AgriLabs	Cattle	Oral	48h
Prolate* (Livestock)	Wellmark	Cattle	Topical	1d
Promycin™ 100	Phoenix	Cattle	I.V.	22d
<i>Note: Do not use in calves to be processed for veal.</i>				
ProSystem® 3	Intervet	Cattle	I.M., S.C.	21d
Proteoseptic Bolus	Vedco	Beef cattle	I.U., Topical	-
Protobolic™ Bolus Improved	Butler	Beef cattle	Oral	-
Proudsoff™	Creative Science	Cattle	Topical	-
<i>Note: Not for use on animals intended for food purposes.</i>				
Prozap® Malathion 57EC	Loveland	Cattle	Topical	-
Prozap® Zipicide®	Loveland	Cattle	Topical	-
<i>Note: No interval is required between treatment and use of meat as food.</i>				
Pulmo-Guard™ PH-1	Anchor	Cattle	S.C.	60d
Pulmo-Guard™ PH-1	Bio-Ceutic	Cattle	S.C.	60d
Pulmo-Guard™ PH-M	Anchor	Cattle	I.M., S.C.	60d
Pulmo-Guard™ PH-M	Bio-Ceutic	Cattle	I.M., S.C.	60d
Purina® Anaplasmosis Block	Purina Mills	Cattle	Oral	48h
Purina® Cattle Dust	Purina Mills	Beef cattle	Topical	-
Purina® Chek-R-Mycin® 10x	Purina Mills	Calves	Oral	1d
Purina® Easy Duster™ Insecticide-I	Purina Mills	Beef cattle	Topical	-
Purina® Fly-A-Rest® Dairy Spray	Purina Mills	Beef cattle	Topical	-
Purina® Fly Larvicide Feed Mix	Purina Mills	Cattle	Oral	-
Purina® Hard Hitter® Cattle Pour-On Insecticide	Purina Mills	Beef cattle	Topical	-
Purina® Hog & Cattle Dusting Powder II	Purina Mills	Beef cattle	Topical	-
Purina® Sulfa-Nox® Liquid	Purina Mills	Cattle	Oral	10d
PVP Iodine Ointment	Vedco	Beef cattle	Topical	-
Pyramid™ 4+PreResponse® SQ	Fort Dodge	Cattle	I.M., S.C.	21d
Pyramid™ IBR	Fort Dodge	Cattle	I.M., S.C.	21d
Pyramid™ MLV 3	Fort Dodge	Cattle	I.M.	21d
Pyramid™ MLV 4	Fort Dodge	Cattle	I.M.	21d
Pyrethrin Plus	Durvet	Beef cattle	Topical	-
Quadrplex/Somnugen	Bio-Ceutic	Cattle	I.M.	21d
Quatracon-2X™	Bio-Ceutic	Cattle	S.C.	21d
Rabdomun® Vaccine	Schering-Plough	Cattle	I.M.	21d
Rabguard-TC®	Pfizer Animal Health	Cattle	I.M.	21d
Rabon® 3% Dust	AgriLabs	Beef cattle	Topical	-
Rabon® 50 WP	Boehringer Ingelheim	Beef cattle	Topical	-
Rabon® Oral Larvicide	Boehringer Ingelheim	Beef cattle	In the feed	-
Ralgro® Implants (Cattle)	Schering-Plough	Cattle	S.C.	-

Refer to product label for more complete information.

Product Name	Company Name	Species	Route of Administration	Meat
Ralgron [®] Magnum [™] Implants <i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>	Schering-Plough	Cattle	Implant	-
Rally [™] -20 <i>Note: Do not use in calves to be processed for veal.</i>	Vedco	Cattle	I.M., I.V.	4d
Ravap [®] E.C.	Boehringer Ingelheim	Beef cattle	Topical	-
Recharge	Jorgensen	Beef cattle	Oral	-
Re-Covr [®] Injection <i>Note: Do not use in calves to be processed for veal.</i>	Fort Dodge	Cattle	I.M., I.V.	4d
Reliant [™] 3	Merial	Cattle	I.M.	21d
Reliant [™] 4	Merial	Cattle	I.M.	21d
Reliant [™] 8	Merial	Cattle	I.M.	21d
Reliant [™] IBR	Merial	Cattle	I.M.	21d
Reliant [™] IBR/BVD	Merial	Cattle	I.M.	21d
Reliant [™] IBR/BVD/Lepto	Merial	Cattle	I.M.	21d
Reliant [™] IBR/Lepto	Merial	Cattle	I.M.	21d
Reliant [™] IBR/PI3	Merial	Cattle	I.M.	21d
Renew [™]	AgriLabs	Beef cattle	Oral	-
Reprotec [®] -T	Franklin	Cattle	S.C.	60d
Reprotec [®] -TVL5	Franklin	Cattle	S.C.	60d
Re-Sorb [®]	Pfizer Animal Health	Beef cattle	Oral	-
Respiragen [™] Serum Antibodies	Colorado Serum	Cattle	I.M., S.C.	21d
Respishield [™] 4	Merial	Cattle	I.M., S.C.	21d
Respishield [™] 4 L5	Merial	Cattle	I.M., S.C.	21d
Respond [™]	AgriLabs	Beef cattle	Oral	-
Respond	Jorgensen	Beef cattle	Oral	-
ResProMune [™] 4 IBP-BRSV	AgriLabs	Cattle	I.M., S.C.	21d
ResProMune [™] 4 + SomnuMune [®]	AgriLabs	Cattle	I.M.	60d
ResProMune [®] 4+VL5	AgriLabs	Cattle	I.M.	60d
ResProMune [™] 8 IBP-Lepto 5	AgriLabs	Cattle	I.M., S.C.	21d
ResProMune [™] 9	AgriLabs	Cattle	I.M., S.C.	21d
ResProMune [™] 10	AgriLabs	Cattle	I.M., S.C.	21d
Resvac [®] 4/Somubac [®]	Pfizer Animal Health	Cattle	I.M.	21d
Resvac [®] BRSV/Somubac [®]	Pfizer Animal Health	Cattle	I.M.	21d
Revalor [®] -g <i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food. Not for use in animals intended for breeding.</i>	Hoechst Roussel Vet	Cattle	Implant	-
Revalor [®] -h <i>Note: Not for use in breeding herd replacements.</i>	Hoechst Roussel Vet	Beef calves	Implant	-
Revalor [®] -s <i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>	Hoechst Roussel Vet	Cattle	S.C.	-
RM Imrab [®] 3	Merial	Cattle	I.M., S.C.	21d
RM Imrab [®] Bovine Plus	Merial	Cattle	I.M., S.C.	21d
Rocadyne	Rochester Midland	Cattle	Oral	-
Rocavit [®] E-40%	Pfizer Animal Health	Beef cattle	Oral	-
Rotator [®] Ear Tags <i>Note: Remove tags before slaughter.</i>	Schering-Plough	Cattle	Ear tags	-
Rumalax [™] Bolus	AgriLabs	Beef cattle	Oral	-
Rumate [®]	Pfizer Animal Health	Cattle	Oral	14d
Rumen Boluses	Durvet	Beef cattle	Oral	-
Rumen-Eze	Vet-A-Mix	Beef cattle	Oral	-
Rumensin [®] 80	Elanco	Beef cattle	Oral	-
Rumen Yeast Caps Plus	TechMix	Beef cattle	Oral	-
Ruminant LactoBac Gel	Vedco	Beef cattle	Oral	-
RXV Alliance [™] 4	RXV	Cattle	I.M., S.C.	21d
RXV Alliance [™] IBP	RXV	Cattle	I.M., S.C.	21d
RXV Alliance [™] IBP + Lepto 5	RXV	Cattle	I.M., S.C.	21d
RXV Alliance [™] IBP + Somnus	RXV	Cattle	I.M., S.C.	21d
RXV Antidote [™] One PHM	RXV	Cattle	I.M.	21d
RXV-BP-1 (Bovine Oral Paste)	RXV	Beef cattle	Oral	-
RXV HerdVac [®] 4KL	RXV	Cattle	I.M., S.C.	21d
RXV Rescue 3K-L 5 Vac [™]	RXV	Cattle	I.M., S.C.	21d
RXV Rescue [™] 4K + L5 Somnus	RXV	Cattle	I.M., S.C.	21d
RXV Rescue 4K-L 5 Vac [™]	RXV	Cattle	I.M., S.C.	21d
RXV Rescue 4K-Somnus Vac [™]	RXV	Cattle	I.M., S.C.	21d

Withdrawal Time Chart
Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
RXV Rescue 4K Vac™	RXV	Cattle	I.M., S.C.	21d
RXV Vac™ Alliance Cow-Vac® 9	RXV	Cattle	I.M., S.C.	21d
RXV Vac™ Alliance SomnuMune®	RXV	Cattle	I.M., S.C.	21d
RXV Vac™ IBR-BVD-PI3	RXV	Cattle	I.M., S.C.	21d
RXV Vac™ Lepto 5	RXV	Cattle	I.M., S.C.	21d
RXV Vac™ Vibrio-Lepto 5	RXV	Cattle	I.M., S.C.	21d
Saber™ Extra Ear Tags	Schering-Plough	Cattle	Ear tags	-
Saber™ Pour-On Insecticide	Schering-Plough	Cattle	Topical	-
<i>Note: Not recommended for use on veal calves.</i>				
Safe-Guard® 0.5% Cattle Top Dress Pellets	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard® 1.96% Scoop Dewormer (Beef and Dairy) (Flaked Meal)	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard® 1.96% Scoop Dewormer (Beef and Dairy) (Soft Mini Pellet)	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard® 20% Beef and Dairy Cattle Dewormer	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard® 20% Natural Protein Deworming Block	Hoechst Roussel Vet	Cattle	Oral	16d
Safe-Guard® 35% Salt: Free-Choice Mineral (Beef and Dairy Cattle)	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard®/En-Pro-AI® Blocks	Hoechst Roussel Vet	Cattle	Oral	11d
Safe-Guard® Free-Choice Mineral (Beef and Dairy Cattle, 20% Salt)	Hoechst Roussel Vet	Cattle	Oral	13d
Safe-Guard® Paste 10% 3.2 oz. (92 g) (Horse and Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d
Safe-Guard® Paste 10% 10.2 oz. (290 g) (Beef and Dairy Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d
Safe-Guard® Suspension 10% (Beef and Dairy Cattle)	Hoechst Roussel Vet	Cattle	Oral	8d
Saline 0.9% Solution	Vetus	Cattle	I.V., S.C.	-
Saline Solution	Vedco	Beef cattle	I.V., S.C.	-
Saline Solution 0.9%	Phoenix	Beef cattle	I.V., S.C.	-
Salmonella Dublin-Typhimurium Bacterin	Colorado Serum	Cattle	S.C.	21d
Salmo Shield® T	Grand	Cattle	I.M., S.C.	21d
Salmo Shield® TD	Grand	Cattle	I.M., S.C.	21d
Scour-Cheque™	A.H.A.	Calves	Oral	21d
ScourGuard 3 (K)®	Pfizer Animal Health	Cattle	I.M.	21d
ScourGuard 3 (K)/C®	Pfizer Animal Health	Cattle	I.M.	21d
Screw Worm Aerosol-L	AgriLabs	Beef cattle	Topical	-
SDM Injection	Phoenix	Cattle	I.V.	5d
SDM Solution	Phoenix	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sero-Guard-99™	Bio-Ceutic	Calves	Oral	21d
Siteguard® MLG Vaccine	Schering-Plough	Cattle	I.M., S.C.	21d
Sodium Bicarbonate	Butler	Beef cattle	I.V., S.C.	-
Sodium Bicarbonate 8.4%	Vedco	Beef cattle	I.V.	-
Sodium Iodide	ProLabs	Cattle	I.V.	-
Sodium Iodide	Vet Tek	Cattle	I.V.	-
Sodium Iodide 20%	RXV	Cattle	I.V.	-
Sodium Iodide 20%	W.V.S.	Cattle	I.V.	-
Sodium Iodide 20% Injection	Aspen	Cattle	I.V.	-
Sodium Iodide 20% Injection	Phoenix	Cattle	I.V.	-
Sodium Iodide 20% Injection	Vedco	Cattle	I.V.	-
Sodium Iodide Solution 20%	Butler	Cattle	I.V.	-
Sodium Sulfamethazine	Durvet	Cattle	Oral	10d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Solu/Tet	Vedco	Calves	Oral	5d
Somato-Staph®	Anchor	Cattle	I.M.	21d
Somato-Staph®/Lepto-5	Anchor	Cattle	I.M.	21d
SomnuMune®	AgriLabs	Cattle	I.M., S.C.	21d
SomnuMune®	Aspen	Cattle	I.M., S.C.	21d
Somnu Shield™	Grand	Cattle	I.M., S.C.	21d
Somnu Shield™ XT	Grand	Cattle	I.M.	60d
SomnuTech®	Bayer Corporation	Cattle	I.M., S.C.	21d
Somubac®	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Spotton® Cattle Insecticide	Bayer Corporation	Cattle	Topical	45d

Withdrawal Times listed refer to label dosages.

Withdrawal Time Chart

Product Name	Company Name	Species	Route of Administration	Meat
Stanisol	Q.A. Laboratories	Beef cattle	Topical	-
Status™ SQ	Boehringer Ingelheim	Cattle Cattle	I.V. S.C.	13d 2d
<i>Note: Do not use in calves to be processed for veal.</i>				
StayBred VL5™	Pfizer Animal Health	Cattle	I.M.	21d
Sterile Penicillin G Benzathine and Penicillin G Procaine	G.C. Hanford	Beef cattle	S.C.	30d
<i>Note: Do not use in calves to be processed for veal. Treatment in beef cattle must be limited to 2 doses.</i>				
Sterile Penicillin G Benzathine and Penicillin G Procaine	Aspen	Beef cattle	S.C.	30d
<i>Note: Do not use in calves to be processed for veal. Treatment in beef cattle must be limited to 2 doses.</i>				
Sterile Penicillin G Procaine	Aspen	Calves	I.M.	7d
		Cattle	I.M.	4d
Sterile Procaine Penicillin G	Premier Farmtech	Cattle	I.M.	10d
Sterile Saline	Vet Tek	Beef cattle	I.M., I.P., I.V., S.C.	-
Sterile Saline Solution	RXV	Beef cattle	I.M., I.P., I.V., S.C.	-
Stock Power	LeGear	Beef cattle	Oral	-
Strategy™ V4 Vaccine	Schering-Plough	Cattle	I.M.	21d
Strategy™ V4HS Vaccine	Schering-Plough	Cattle	I.M.	21d
Strategy™ V4HSL5 Vaccine	Schering-Plough	Cattle	I.M.	21d
Strategy™ V4L5 Vaccine	Schering-Plough	Cattle	I.M.	21d
Strong Iodine Tincture	Butler	Beef cattle	Topical	-
Strong Iodine Tincture 7%	Durvet	Beef cattle	Topical	-
Sulfadimethoxine Injection - 40%	Aspen	Cattle	I.V.	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Injection-40%	Durvet	Cattle	I.V.	5d
Sulfadimethoxine Injection-40%	RXV	Cattle	I.V.	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Injection-40%	Vedco	Cattle	I.V.	5d
Sulfadimethoxine Oral Solution	Aspen	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Oral Solution	Butler	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Oral Solution	Durvet	Cattle	Oral	7d
Sulfadimethoxine Oral Solution	RXV	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Oral Solution	Vedco	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Soluble Powder	Durvet	Cattle	Oral	7d
Sulfadimethoxine Soluble Powder	RXV	Cattle	Oral	7d
<i>Note: Do not use in calves to be processed for veal.</i>				
Sulfadimethoxine Soluble Powder	Vedco	Cattle	Oral	7d
Sulfa-Max® III	AgriLabs	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sulfa-Max™ III Calf Bolus	AgriLabs	Calves	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sulfa-Q 20% Concentrate	RXV	Cattle	Oral	10d
SulfaSure™ SR	Butler	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Sulfa Sure™-SR Bolus	Premier Farmtech	Cattle	Oral	8d
SulfaSure™ SR Calf Bolus	Aspen	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaSure™ SR Calf Bolus	Butler	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaSURE™ SR Calf Bolus	Boehringer Ingelheim	Calves	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaSure™ SR Cattle Bolus	Aspen	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaSURE™ SR Cattle Bolus	Boehringer Ingelheim	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaTech® Calf Bolus	A.H.A.	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SulfaTech® Cattle	A.H.A.	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				

Refer to product label for more complete information.

Withdrawal Time Chart
Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Sulmet® Drinking Water Solution 12.5%	Fort Dodge	Cattle	Oral	10d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Sulmet® Oblets®	Fort Dodge	Calves	Oral	10d
Sulmet® Soluble Powder	Fort Dodge	Cattle	Oral	10d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Super II Dairy & Farm Spray	Durvet	Beef cattle	Topical	-
Super B Complex	Vedco	Cattle	I.M., S.C.	-
Super SeE	Vet-A-Mix	Beef cattle	In the feed	-
SupraSulfa III™ Calf Bolus	RXV	Calves	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SupraSulfa III® Calf Bolus	W.V.S.	Calves	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SupraSulfa III® Cattle Bolus	W.V.S.	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
SupraSulfa® SR	RXV	Cattle	Oral	8d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet.</i>				
Sure-Start Plus	RXV	Beef cattle	Oral	-
Sustain III®	AgriLabs	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain III®	Durvet	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain III® Calf Bolus	AgriLabs	Calves	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain III® Calf Bolus	AgriPharm	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain II® Calf Bolus	Durvet	Calves	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain® III Calf Bolus	Osborn®	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain III® Cattle Bolus	AgriPharm	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sustain® III Cattle Bolus	Osborn®	Cattle	Oral	12d
<i>Note: Do not use in calves under 1 month of age or calves being fed an all milk diet. Exceeding 2 consecutive doses may cause violative tissue residues to remain beyond the withdrawal time.</i>				
Sweetlix® Bloat Guard® Block Medicated	PM Ag Products	Cattle	Oral	-
Sweetlix® Rabon® Mineral/Vitamin Molasses Block	PM Ag Products	Cattle	Oral	-
<i>Note: No withdrawal time is necessary.</i>				
Sweetlix® Rumensin® Mineral/Vitamin Molasses Block	PM Ag Products	Cattle	Oral	-
Sweetlix® Safe-Guard® 20% Natural Protein Deworming Block for Beef Cattle	PM Ag Products	Beef cattle	Oral	16d
Sweetlix® Safe-Guard® Free-Choice Mineral Cattle Dewormer	PM Ag Products	Cattle	Oral	13d
Synanthic® Bovine Dewormer Paste, 18.5%	Fort Dodge	Cattle	Oral	11d
Synanthic® Bovine Dewormer Suspension, 9.06%	Fort Dodge	Cattle	Oral	7d
Synanthic® Bovine Dewormer Suspension, 22.5%	Fort Dodge	Cattle	I.R., Oral	7d
Synco-Mate-B®	Merial	Cattle	I.M., S.C.	-
Synergized DeLice® Pour-On Insecticide	Schering-Plough	Beef cattle	Topical	-
Synergized Expar® Pour-On Insecticide	Schering-Plough	Beef cattle	Topical	-
Synovex® C	Fort Dodge	Beef cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Synovex® H	Fort Dodge	Beef cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Synovex® Plus™	Fort Dodge	Beef cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Synovex® S	Fort Dodge	Beef cattle	S.C.	-
<i>Note: Implant in the ear only. Do not attempt to salvage the implanted ear for human or animal food.</i>				
Syn Shield™	Grand	Cattle	I.M.	60d
Syntabac™ "Plus" Gel	Fort Dodge	Cattle	Oral	-
<i>Note: No withdrawal time is necessary.</i>				

Product Name	Company Name	Species	Route of Administration	Meat
Taktic® E.C.	Hoechst Roussel Vet	Cattle	Topical	-
<i>Note: No withdrawal time is necessary before slaughter of beef cattle.</i>				
Tamed Iodine Wound Spray	Chem-Tronics	Beef cattle	Topical	-
Janni-Gel	Vet-A-Mix	Beef cattle	Topical	-
Terramycin® 10 (oxytetracycline) TM-10®	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin® 50D (oxytetracycline) TM-50®D	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin® 50 (oxytetracycline) TM-50®	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin® 100D (oxytetracycline) TM-100®D	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin® 100 (oxytetracycline) TM-100®	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin® 100SS (oxytetracycline) TM-100®SS	Pfizer Animal Health	Cattle	Oral	0-5d
<i>Note: No withdrawal time is necessary when fed to cattle at levels below 10 mg/lb.</i>				
Terramycin-343® Soluble Powder	Pfizer Animal Health	Cattle	Oral	5d
Terramycin® Ophthalmic Ointment	Pfizer Animal Health	Beef cattle	Ophthalmic	-
Terramycin® Scours Tablets	Pfizer Animal Health	Calves	Oral	7d
Terramycin® Soluble Powder	Pfizer Animal Health	Cattle	Oral	5d
Terra-Vet 100	Aspen	Cattle	I.V.	22d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tet-324	Phoenix	Calves	Oral	5d
Tetanus Antitoxin	Colorado Serum	Cattle	I.M., S.C.	21d
Tetanus Antitoxin	Fort Dodge	Cattle	I.P., I.V., S.C.	21d
Tetanus Antitoxin	Merial	Cattle	I.M., I.V., S.C.	21d
Tetanus Antitoxin	Professional Biological	Cattle	I.M., S.C.	21d
Tetanus Antitoxin Equine Origin	EquiLabs	Cattle	I.M., S.C.	21d
Tetanus Toxoid-Concentrated	Colorado Serum	Cattle	I.M.	21d
Tetanus Toxoid-Concentrated	Professional Biological	Cattle	I.M., S.C.	21d
Tetanus Toxoid-Unconcentrated	Colorado Serum	Cattle	I.M., S.C.	21d
Tetguard™	Boehringer Ingelheim	Cattle	I.M., S.C.	21d
Tetnogen®	Fort Dodge	Cattle	I.M., S.C.	21d
Tetnogen®-AT	Fort Dodge	Cattle	I.M., S.C.	21d
Tetra-324	Premier Farmtech	Calves	Oral	5d
Tetra-Biotic-100	A.H.A.	Cattle	I.V.	19d
Tetracycline Hydrochloride Soluble Powder	Butler	Calves	Oral	5d
Tetracycline Hydrochloride Soluble Powder-324	AgriLabs	Calves	Oral	5d
<i>Note: Not to be used in calves for more than 5 days.</i>				
Tetracycline Hydrochloride Soluble Powder-324	Butler	Calves	Oral	5d
Tetracycline Hydrochloride Soluble Powder-324	Vedco	Cattle	Oral	5d
Tetracycline Soluble Powder 324	AgriPharm	Cattle	Oral	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tetracycline Soluble Powder 324	RXV	Calves	Oral	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tetracycline Soluble Powder 324	W.V.S.	Calves	Oral	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tetrasol Soluble Powder	Med-Pharmex	Calves	Oral	5d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tetrasure™ 324	Boehringer/NOBL	Calves	Oral	5d
Tet-Sol 324™	A.H.A.	Calves	Oral	5d
Therabloat® Drench Concentrate	Pfizer Animal Health	Beef cattle	Oral	-
Thiamine Hydrochloride Injection	Butler	Beef cattle	I.M.	-
Thiamine Hydrochloride Injection	Phoenix	Beef cattle	I.M.	-
Thiamine Hydrochloride Injection	Vedco	Beef cattle	I.M.	-
Tiguvon® Cattle Insecticide Pour-On	Bayer Corporation	Cattle	Topical	35d
<i>Note: If a second treatment is made for louse control, do not slaughter within 45 days of the second treatment.</i>				
Tincture Iodine 7%	A.H.A.	Beef cattle	Topical	-
Tincture Iodine 7%	Aspen	Beef cattle	Topical	-
Tincture Iodine 7%	Chem-Tronics	Beef cattle	Topical	-
Topical Fungicide	Durvet	Cattle	Topical	-
Top Line™	AgriLabs	Cattle	Topical	48d
Totalon® Pour-On Dewormer	Schering-Plough	Cattle	Topical	9d
Toxiban™ Granules	Vet-A-Mix	Beef cattle	Oral	-
Toxiban™ Suspension	Vet-A-Mix	Beef cattle	Oral	-
ToxiBan™ Suspension with Sorbitol	Vet-A-Mix	Beef cattle	Oral	-

Withdrawal Time Chart

Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Tramisol® Cattle Dewormer Oblet®	Schering-Plough	Cattle	Oral	48h
Tramisol® Injectable Solution, 13.65%	Schering-Plough	Cattle	S.C.	7d
Tramisol® Soluble Drench Powder	Schering-Plough	Cattle	Oral	48h
Tramisol® Type A Medicated Article	Schering-Plough	Cattle	Oral	48h
Triangle® 1	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 3	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 3 V5L	Fort Dodge	Cattle	S.C.	60d
Triangle® 4 2 mL Dose	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 4+HS	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 4+PH/HS	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 4+PH-K	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 8	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 9	Fort Dodge	Cattle	I.M., S.C.	21d
Triangle® 9+HS	Fort Dodge	Cattle	I.M.	21d
Triangle® 9+PH-K	Fort Dodge	Cattle	I.M.	21d
TrichGuard®	Fort Dodge	Cattle	S.C.	60d
TrichGuard® V5L	Fort Dodge	Cattle	S.C.	60d
Trichontrol™	Pfizer Animal Health	Cattle	S.C.	60d
Trichontrol™ VL5	Pfizer Animal Health	Cattle	S.C.	60d
Trienammine™	Phoenix	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tripelennamine Hydrochloride	Aspen	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tripelennamine Hydrochloride	Butler	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tripelennamine Hydrochloride	ProLabs	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tripelennamine Hydrochloride	Vet Tek	Cattle	I.M., I.V.	4d
Triple Histamine	RXV	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Triple Histamine	W.V.S.	Cattle	I.M., I.V.	4d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tri-Tussin™ Powder	Life Science	Cattle	Oral	-
TriVib 5L®	Fort Dodge	Cattle	S.C.	60d
Trypzyme®-V Aerosol Spray	V.P.L.	Beef cattle	Topical	-
Trypzyme®-V Liquid	V.P.L.	Beef cattle	Topical	-
TSV-2®	Pfizer Animal Health	Cattle	I.N.	21d
Twin-Pen™	AgriLabs	Beef cattle	S.C.	30d
<i>Note: Treatment in beef cattle must be limited to 2 doses.</i>				
Tylan® 10	Elanco	Beef cattle	In the feed	-
Tylan® 40	Elanco	Beef cattle	In the feed	-
Tylan® 50 Injection	Elanco	Beef cattle	I.M.	21d
Tylan® 100	Elanco	Beef cattle	In the feed	-
Tylan® 200 Injection	Elanco	Beef cattle	I.M.	21d
Tylosin Injection	AgriLabs	Cattle	I.M.	21d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tylosin Injection	Aspen	Cattle	I.M.	21d
<i>Note: Do not use in calves to be processed for veal.</i>				
Tylosin Injection	Boehringer Ingelheim	Cattle	I.M.	21d
TyloVed Injection	Vedco	Cattle	I.M.	21d
<i>Note: Do not use in calves to be processed for veal.</i>				
UAA (Universal Animal Antidote) Gel	Vedco	Cattle	Oral	-
Ultrabac® 7	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Ultrabac® 7/Somubac®	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Ultrabac® B	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Ultrabac® CD	Pfizer Animal Health	Cattle	I.M., S.C.	21d
Uterine Bolus	Butler	Beef cattle	I.U., Topical	-
Uterine Bolus	Durvet	Beef cattle	I.U., Topical	-
Uterine Bolus	Phoenix	Beef cattle	I.U., Topical	-
Valbazen® Cattle Dewormer Paste	Pfizer Animal Health	Cattle	Oral	27d
Valbazen® Cattle Dewormer Suspension	Pfizer Animal Health	Cattle	Oral	27d
V.A.L.® Syrup	Fort Dodge	Beef cattle	Oral	-
Vapona Feedlot-4 lb. Concentrate	Durvet	Cattle	Topical	1d
Veda-K ₁ Injection	Vedco	Beef cattle	I.M., I.V., S.C.	-
Vedalyte 8X Powder	Vedco	Beef cattle	Oral	-
Veda-Sorb Bolus	Vedco	Beef cattle	Oral	-

Product Name	Company Name	Species	Route of Administration	Meat
Veda-Sorb Jr Bolus	Vedco	Beef cattle	Oral	-
Velenium™	Fort Dodge	Beef cattle	I.M., S.C.	30d
Vetadine Scrub	Vedco	Beef cattle	Topical	-
Vetadine Solution	Vedco	Beef cattle	Topical	-
Veta-K ₁ ® Injection	Osborn®	Beef cattle	I.M., I.V., S.C.	-
Vetalyte Plus I.V. Solution	RXV	Beef cattle	I.V.	-
Veterinary Mineral Oil	RXV	Beef cattle	Oral	-
Vetisulid® Boluses	Fort Dodge	Calves	Oral	7d
Vetisulid® Injection	Fort Dodge	Calves	I.V.	5d
Vetisulid® Powder	Fort Dodge	Calves	Oral	7d
Vibo-5™	Bio-Ceutic	Cattle	I.M.	21d
Vibo-5/Somnugen™	Bio-Ceutic	Cattle	I.M.	21d
Vibralone™-H-L5	Bayer Corporation	Cattle	I.M.	21d
Vibralone™-L5	Bayer Corporation	Cattle	I.M.	21d
Vibri-Lep®-5	Franklin	Cattle	S.C.	60d
Vibrin®	Pfizer Animal Health	Cattle	S.C.	60d
Vibrio-Lepto 5	AgriLabs	Cattle	I.M., S.C.	21d
Vibrio-Lepto-5™	Anchor	Cattle	I.M.	21d
Vibrio-Lepto 5	Durvet	Cattle	I.M., S.C.	21d
Vibrio-Lepto 5	Premier FarnTech	Cattle	I.M., S.C.	21d
Vibrio Lepto 5 (oil base)	Aspen	Cattle	I.M.	60d
Vibrio-Lepto-5/Somnus™	Anchor	Cattle	I.M.	21d
Vibrio-Lepto 5 Vaccine	Aspen	Cattle	I.M., S.C.	21d
Vibrio/Leptoform-5®	Pfizer Animal Health	Cattle	I.M.	21d
Vib Shield®	Grand	Cattle	I.M., S.C.	21d
Vib Shield® L5	Grand	Cattle	I.M., S.C.	21d
Vib Shield® Plus	Grand	Cattle	I.M.	60d
Vib Shield® Plus L5	Grand	Cattle	I.M.	60d
Vigilante® Insecticide	Hoechst Roussel Vet	Beef cattle	Oral	-
Vilec-Sol	Vet-A-Mix	Beef cattle	Oral	-
Vinco® Vitapoc® with Electrolytes	Vineland	Beef cattle	Oral	-
Vira Shield® 2	Grand	Cattle	I.M.	60d
Vira Shield® 2+BRSV	Grand	Cattle	I.M.	60d
Vira Shield® 3	Grand	Cattle	I.M.	60d
Vira Shield® 3+VL5	Grand	Cattle	I.M.	60d
Vira Shield® 4	Grand	Cattle	I.M., S.C.	60d
Vira Shield® 4+L5	Grand	Cattle	I.M.	60d
Vira Shield® 5	Grand	Cattle	I.M.	60d
Vira Shield® 5+L5	Grand	Cattle	I.M.	60d
Vira Shield® 5+Somnus	Grand	Cattle	I.M.	60d
Vira Shield® 5+VL5	Grand	Cattle	I.M.	60d
Vision® 7 Somnus with Spur®	Bayer Corporation	Cattle	S.C.	21d
Vision® 7 with Spur®	Bayer Corporation	Cattle	S.C.	21d
Vision® 8 with Spur®	Bayer Corporation	Cattle	S.C.	21d
Vision® CD • T with Spur®	Bayer Corporation	Cattle	S.C.	21d
Vision® CD with Spur®	Bayer Corporation	Cattle	S.C.	21d
Vi-Sorbin®	Pfizer Animal Health	Beef cattle	Oral	-
Vita-B Complex	AgriLabs	Beef cattle	I.M., S.C.	-
Vita-Boost™ Bolus	AgriLabs	Beef cattle	I.M., S.C.	-
Vita Charge® Paste	AgriLabs	Beef cattle	Oral	-
Vita Drench B	AgriLabs	Beef cattle	Oral	-
Vita-Jec® A & D "500"	RXV	Cattle	I.M.	60d
Vita-Jec® A & D "500"	W.V.S.	Cattle	I.M.	60d
Vita-Jec® B Complex Fortified	RXV	Beef cattle	Oral	-
Vita-Jec® Vitamin B ₁₂ (1,000 mcg/mL)	W.V.S.	Beef cattle	I.M., S.C.	-
Vita-Jec® Vitamin B ₁₂ (3,000 mcg/mL)	W.V.S.	Beef cattle	I.M., S.C.	-
Vita-Jec® Vitamin B ₁₂ (Cyano 1,000 mcg/mL)	RXV	Beef cattle	I.M., S.C.	-
Vita-Jec® Vitamin B ₁₂ (Cyano 3,000 mcg/mL)	RXV	Beef cattle	I.M., S.C.	-
Vita-Jec® Vitamin K1 injectable	RXV	Beef cattle	I.M., I.V., S.C.	-
Vi-tal	Loveland	Beef cattle	Oral	-
Vital E™-300	Schering-Plough	Beef cattle	I.M., S.C.	-
Vital E™+A	Schering-Plough	Beef cattle	I.M., S.C.	-
Vital E™-A+D	Schering-Plough	Beef cattle	I.M., S.C.	-
Vita-Lyte	Phoenix	Beef cattle	Oral	-

Withdrawal Time Chart
Withdrawal Times listed refer to label dosages.

Product Name	Company Name	Species	Route of Administration	Meat
Vitamin AD ₃	AgriLabs	Cattle	I.M.	60d
Vitamin AD	Butler	Cattle	I.M.	60d
Vitamin A & D	Vedco	Beef cattle	I.M.	-
Vitamin A & D "500"	AgriPharm	Cattle	I.M.	60d
Vitamin A-D-500	Anchor	Cattle	I.M.	60d
Vitamin A D ₃ B ₁₂	Vet Tek	Cattle	I.M.	60d
Vitamin A-D ₃ -B ₁₂ Injection	ProLabs	Cattle	I.M.	60d
Vitamin AD B ₁₂ Injection	Vedco	Cattle	I.M.	60d
Vitamin AD ₃ Injection	A.H.A.	Cattle	I.M.	60d
Vitamin AD Injection	Aspen	Beef cattle	I.M.	-
Vitamin AD Injection	Phoenix	Beef cattle	I.M.	-
Vitamin B ₁₂	Butler	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 1000	Vet Tek	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 1000 mcg	Phoenix	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 1000 mcg Injection	Aspen	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 3000	Vet Tek	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 3000 mcg	Phoenix	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ 5,000 mcg	Phoenix	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ Injection	A.H.A.	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ Injection 1000	Vetus	Cattle	I.M., S.C.	-
Vitamin B ₁₂ Injection (1,000 mcg/mL)	ProLabs	Beef cattle	I.M., S.C.	-
Vitamin B ₁₂ Injection 3000	Vetus	Cattle	I.M., S.C.	-
Vitamin B ₁₂ Injection (3,000 mcg/mL)	ProLabs	Beef cattle	I.M., S.C.	-
Vitamin B Complex	Aspen	Beef cattle	I.M.	-
Vitamin B Complex	Butler	Beef cattle	I.M., S.C.	-
Vitamin-B Complex	Durvet	Beef cattle	I.M.	-
Vitamin B Complex	Phoenix	Beef cattle	I.M.	-
Vitamin B Complex	Vedco	Beef cattle	I.M.	-
Vitamin B Complex Fortified	Aspen	Cattle	I.M., S.C.	-
Vitamin B Complex Fortified	Phoenix	Beef cattle	I.M., S.C.	-
Vitamin B Complex Fortified Injection	A.H.A.	Beef cattle	I.M., S.C.	-
Vitamin C	Butler	Beef cattle	I.M.	-
Vitamin C	Phoenix	Beef cattle	I.M.	-
Vitamin E 500	Vet Tek	Beef cattle	I.M., S.C.	-
Vitamin E+AD	Durvet	Beef cattle	I.M., I.V., S.C.	-
Vitamin K ₁	Butler	Beef cattle	I.M., I.V., S.C.	-
Vitamin K ₁	Vet Tek	Beef cattle Calves	I.M., I.V., S.C. I.M., I.V., S.C.	- -
Vitamin K ₁ Injection	A.H.A.	Beef cattle	I.M., I.V., S.C.	-
Vitamin K ₁ Injection	Phoenix	Beef cattle	I.M., I.V., S.C.	-
Vitamins and Electrolytes	Durvet	Beef cattle	Oral	-
Vitamins and Electrolytes Concentrate	Durvet	Beef cattle	Oral	-
Vitamins & Electrolytes-"Plus"	AgriLabs	Beef cattle	Oral	-
Vita-Oral	RXV	Beef cattle	Oral	-
Vita-Plex SeE	Vet-A-Mix	Beef cattle	In the feed	-
Vita-Start™ Powder	AgriLabs	Beef cattle	Oral	-
Volar®	Bayer Corporation	Cattle	I.M., S.C.	21d
Warbex® Famphur Pour-On for Cattle	Schering-Plough	Cattle	Topical	35d
Wart Shield™	Grand	Cattle	S.C.	21d
Wartsoff™	Creative Science	Beef cattle	Topical	-
Wart Vaccine	AgriLabs	Cattle	S.C.	21d
Wart Vaccine	Colorado Serum	Cattle	S.C.	21d
West-Vet® Prepodyne® Solution	WestAgro	Beef cattle	Topical	-
Wound-Kote Gentian Violet	Farnam	Beef cattle	Topical	-
Xenodine®	V.P.L.	Cattle	Topical	-
Xenodine® Spray	V.P.L.	Cattle	Topical	-
Yellow Lite	RXV	Beef cattle	Oral	-

Refer to product label for more complete information.