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Cattle Vaccines: Recommendations and Available Products

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How to use this publication

The large number of cattle vaccines currently on the market has generated many questions about their content and use. This publication is designed as a quick reference guide to commercial cattle vaccines. It is intended as a guide only, and should not be used as a substitute for the instructions and guidelines on the manufacturer's label and package insert.

Vaccine recommendations depend on many factors. Consult your herd veterinarian for vaccine advice and recommendations specific to your farm. **Always read and follow the manufacturer's label and package insert before using any product.**

This publication lists some of the major cattle vaccine manufacturers in alphabetical order. The vaccine products are listed in alphabetical order below each company's name. The bullet mark (•) following the name indicates the type of vaccine contained in each product.

Use of company names or product trade names does not imply endorsement. This list is intended to be as complete as possible. Omission of any vaccine manufacturer or any vaccine product is strictly an oversight. Every effort has been made to ensure the accuracy of the information contained here; however, the author assumes no responsibility relating to its use.



Vaccination recommendation for Wisconsin dairy herds*

Age	Vaccine	Route & form	Recommended or optional	Comments
Calves (at birth)	Rotavirus & Coronavirus	Oral, MLV	Optional	Give prior to colostrum. May not be effective after 1 day of age.
	IBR/PI3	Intranasal, MLV	Optional	1 dose in each nostril.
Calves (4-8 months)	BVD	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Modified live vaccines, at least one injection. Killed vaccines require 2 injections, 2-4 weeks apart.
	IBR/PI3	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Modified live vaccines, at least one injection. Killed vaccines require 2 injections, 2-4 weeks apart.
	Leptospirosis	SubQ or IM	Recommended	Requires 2 injections, 2-4 weeks apart. Use multivalent vaccine, like 5-way.
	BRSV	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart.
	Clostridium	SubQ	Optional	Requires 2 injections, 2-4 weeks apart. Use multivalent vaccine, like 7-way.
	Brucellosis (Bang's)	SubQ	Optional	For heifers only. Given by an accredited veterinarian. Federal regulations must be followed.
Heifers (12-15 months) (prebreeding)	BVD	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Modified live vaccines, at least one injection. Killed vaccines require 2 injections, 2-4 weeks apart the first time; otherwise one booster injection.
	IBR/PI3	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Vaccinate at least one month prior to breeding. Modified live vaccines, at least one injection. Killed vaccines require 2 injections, 2-4 weeks apart the first time; otherwise one booster injection.
	Leptospirosis	SubQ or IM	Recommended	Requires 2 injections 2-4 weeks apart. Use multivalent vaccine like 5-way.
	BRSV	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection.
	Clostridium	SubQ	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection. Use multivalent vaccine like 7-way.
Springers (5-6 weeks precalving)	Rotavirus & Coronavirus	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection. Calf must receive colostrum for protection. Repeat before each calving.
	Colibacillosis	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection. Calf must receive colostrum for protection. Repeat before each calving.
	E. coli endotoxin	SubQ or IM	Optional	Follow herd veterinarian recommendations.
Adult Cows	BVD	SubQ or IM	Recommended	Repeat once or twice a year. Follow herd veterinarian recommendations.
	IBR/PI3	SubQ or IM	Recommended	Repeat once or twice a year. Follow herd veterinarian recommendations.
	Leptospirosis	SubQ or IM	Recommended	Repeat once or twice a year. Follow herd veterinarian recommendations.
	BRSV	SubQ or IM	Optional	Repeat once or twice a year. Follow herd veterinarian recommendations.
	Clostridium	SubQ	Optional	Repeat annually. Use multivalent vaccine like 7-way.

*Specific herd recommendations may vary according to geographic location and risk of disease. Consult your herd veterinarian. Always read and follow label instructions.
The preferred route of vaccine administration is subcutaneous if the product is labeled for SubQ. For bull calves going to AI Centers, consult the AI Center before vaccinating.

Vaccination recommendation for Wisconsin beef cow-calf herds*

Group	Vaccine	Route & form	Recommended or optional	Comments
Pregalving (Feb., Mar.)	IBR/BVD/PI3	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Use a product that is safe for pregnant cows and heifers.
	E. coli	Sub Q or IM	Recommended	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection. Calves must receive colostrum for protection. Repeat before each calving.
	Rotavirus & Coronavirus	SubQ or IM	Recommended	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection. Calves must receive colostrum for protection. Repeat before each calving.
	Clostridium	SubQ	Optional	Repeat annually. Use multivalent vaccine, like 7-way.
	Salmonella	SubQ or IM	Optional	Repeat annually. Follow herd veterinarian recommendations.
Prebreeding (May, June)	IBR/BVD/PI3	SubQ or IM	Recommended	Follow herd veterinarian recommendations.
	Leptospirosis	SubQ or IM	Recommended	Requires 2 injections, 2-4 weeks apart the first time. Booster annually.
	BRSV	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection.
	Clostridium	SubQ	Optional	Repeat annually. Use multivalent vaccine, like 7-way.
	Pinkeye	SubQ or IM	Optional	Repeat annually. Recommended early May.
	Campylobacter	SubQ or IM	Optional	Requires 2 injections, 2-4 weeks apart the first time; otherwise 1 booster injection.
Bulls (May, June)	IBR/BVD/PI3	SubQ or IM	Recommended	Follow herd veterinarian recommendations. Booster annually.
	Leptospirosis	SubQ or IM	Recommended	Requires 2 injections the first time. Booster annually.
	Campylobacter	SubQ or IM	Optional	Requires 2 injections the first time. Booster annually.
	Pinkeye	SubQ or IM	Optional	Repeat annually. Recommended early May.
Calves (at processing or 6-8 months)	IBR/BVD/PI3	SubQ or IM	Recommended	If vaccinated prior to 6 months old, revaccinate again after 6 months of age. Follow herd veterinarian recommendations.
	Clostridium	SubQ	Recommended	If vaccinated prior to 6 months old, revaccinate again after 6 months of age. Follow herd veterinarian recommendations.
	BRSV	SubQ or IM	Optional	Requires 2 injections the first time.
	Haemophilus	SubQ or IM	Optional	May require 2 injections the first time.
	Pinkeye	SubQ or IM	Optional	May require 2 injections the first time.
Calves (4-10 months)	Brucellosis (Bang's)	SubQ	Optional	For herd replacement heifers. Given by an accredited veterinarian. Federal regulations must be followed.

*Specific herd recommendations may vary according to geographic location and risk of disease. Consult your herd veterinarian. Always read and follow label instructions.

The preferred route of vaccine administration is subcutaneous if the product is labeled for SubQ. For bull calves going to AI Centers, consult the AI Center before vaccinating.

CONTENT

COMPANY & TRADE NAMES

COMPANY & TRADE NAMES	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	PI3 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	PI3 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium hemolyticum	E. coli	Rotavirus tetani (Tetanus)	Rotavirus and/or Coronavirus	Moraxella bovis (Pinkeye)	Other	
Addison Biological Laboratories																									
Maxi/Guard Pinkeye Bacterin																									•
AgriLabs																									
BovaMune					•																	•		•	
Cobalt 7												•	•	•	•	•	•	•							
Clostridial 7-Way												•	•	•	•	•	•	•							
Clostridial 7-Way Plus SomnuMune				•								•	•	•	•	•	•	•							
Colstridial 8-Way MLG												•	•	•	•	•	•	•	•						
Covexin 8												•	•	•		•	•	•	•						
E. coli Bac																						•			
E. colicin-B																						•			
Elite 4						•	•	•	•																
Elite 4-HS				•		•	•	•	•																
Elite 9						•	•	•	•	•															
Elite 9-HS				•		•	•	•	•	•															
I-Site																							•		
Lepto 5											•														
Master Guard 10	•		•				•	•		•															
Master Guard 10+Vibrio	•		•				•	•		•	•														
Master Guard J5																						•			
Master Guard Preg 5	•		•				•	•																	
P.H.M. Bac 1					•																				
Pre-Vent 6											•	•													
ResProMune 4						•	•	•	•																
ResProMune 4+SomnuMune				•		•	•	•	•																
ResProMune 4+VL5						•	•	•	•	•	•														
ResProMune 4 I-B-P+BRSV						•	•	•	•																
ResProMune 5 IBP-BRSV						•	•	•	•																
ResProMune 5 L5						•	•	•	•	•															
ResProMune 5 L5+SM				•		•	•	•	•	•															
ResProMune 5+SomnuMune				•		•	•	•	•																
ResProMune 5+VL5						•	•	•	•	•	•	•													
ResProMune 8							•	•	•	•															
ResProMune 9						•	•	•	•	•															
ResProMune 10				•		•	•	•	•	•															
Scour Vac 4																						•			

CONTENT

COMPANY & TRADE NAMES

BRSV (live) Bovine Respiratory Syncytial Virus
 IBR (live) Red Nose
 BVD (live) Bovine Virus Diarrhea
 PI3 (live) Parainfluenza 3
 Haemophilus Somnus
 Pasteurella (Shipping Fever)
 BRSV (killed) Bovine Respiratory Syncytial Virus
 IBR (killed) Red Nose
 BVD (killed) Bovine Virus Diarrhea
 PI3 (killed) Parainfluenza 3
 Leptospirosis
 Vibrio fetus (Campylobacter)
 Clostridium chauvoei (Blackleg)
 Clostridium septicum (Malignant Edema)
 Clostridium novyi
 Clostridium sordelli
 Clostridium perfringens B
 Clostridium perfringens C
 Clostridium perfringens D
 Clostridium hemolyticum
 E. coli
 Rotavirus and/or Coronavirus
 Moraxella bovis (Pinkeye)
 Other

AgriLabs (continued)	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus and/or Coronavirus	Moraxella bovis	Other	
Scour Vac 9																								
Scour Vac E. coli+C																								
SomnuMune					•																			
Titanium 3		•	•																					
Titanium 4		•	•	•																				
Titanium 4 L5		•	•	•						•														
Titanium 5	•	•	•	•																				
Titanium 5 L5	•	•	•	•						•														
Titanium 5+P.H.M. Bac-1	•	•	•	•		•																		
Titanium BRSV Vac 3	•	•		•																				
Titanium IBR		•																						
Titanium IBR-LP		•								•														
Vibrio-Lepto 5										•	•													
Wart Vaccine																								•
AgriPharm																								
7 Gauge													•	•	•	•	•	•						
Antidote PHM						•																		
Covert 5	•	•	•	•																				
Covert 5 HS	•	•	•	•	•																			
Covert 10	•	•	•	•						•														
Covert 10 HS	•	•	•	•	•					•														
E. coli+C Antibody																					•			
Exalt 5							•	•	•	•														
Exalt 5+L5							•	•	•	•	•													
Exalt 5+Somnus					•		•	•	•	•														
Exalt 5+VL5							•	•	•	•	•	•												
Gauge C&D																•	•	•						
Nasal-Vax		•		•																				
Resist 7													•	•	•	•	•	•	•					
Resist 7 HS					•								•	•	•	•	•	•	•					
Resist 8													•	•	•	•	•	•	•	•				
ScourVax 4																								•
ScourVax 9																								•
Tetna-Vax													•	•	•	•	•	•	•	•				•
Aspen																								
7-Way													•	•	•	•	•	•						

CONTENT

COMPANY & TRADE NAMES

Aspen (continued)	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	P13 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	P13 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani (Tetanus)	Rotavirus and/or Coronavirus	Moraxella bovis (Pinkeye)	Other
7-Way/Somnus					•								•	•	•	•	•	•						
8-Way													•	•	•	•	•	•	•					
C & D Toxoid																	•	•	•					
Caliber 3																	•	•	•					
Caliber 7												•	•	•	•	•	•	•	•					
Conquest 3K+VL5							•	•		•	•													
Conquest 4K						•	•	•	•															
Conquest 5K (oil base)						•	•	•	•															
Conquest 5K+HS (oil base)					•	•	•	•	•															
Conquest 5K+VL5						•	•	•	•	•	•													
Conquest 9K						•	•	•	•	•	•													
Conquest 10K						•	•	•	•	•	•													
Cow-Vac 9		•	•	•						•	•													
H. Somnus Bacterin					•																			
IBL Vaccine		•	•	•						•														
IBP-L5 Vaccine		•	•	•						•														
IBP-Somnumune Vaccine		•	•	•	•																			
IBP Vaccine		•	•	•																				
IL Vaccine		•								•														
Instavac Intranasal IBR-P13		•		•																				
Lepto 5 Vaccine										•														
Pinkeye-3																							•	
TiterVac 5	•	•	•	•																				
TiterVac 5-HS	•	•	•	•	•																			
TiterVac 5+PHM	•	•	•	•		•																		
TiterVac 10	•	•	•	•						•														
TiterVac 10-HS	•	•	•	•	•					•														
Vibrio Lepto 5 (oil base)										•	•													
Vibrio Lepto 5 Vaccine										•	•													
BioCor Animal Health Inc.																								
Herd-Vac 3		•	•	•																				
Herd-Vac 3S		•	•	•	•																			
Herd-Vac 8		•	•	•						•														
Herd-Vac V9		•	•	•						•	•													
Surround 4						•	•	•	•															

CONTENT

COMPANY & TRADE NAMES

COMPANY & TRADE NAMES	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	PI3 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	PI3 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus and/or (Tetanus)	Moraxella bovis (Pinkeye)	Other
BioCor Animal Health Inc. (cont.)																							
Surround 4+HS					•	•	•	•	•	•													
Surround 8							•	•	•	•													
Surround 9						•	•	•	•	•													
Surround 9+HS					•	•	•	•	•	•													
Surround HS					•																		
Surround L5										•													
Surround V-L5										•	•												
Biomune																							
Mycomune																							•
Papillomune																							•
Bioniche Animal Health																							
Colimune-Oral																						•	
Immunoboost																						•	
Boehringer Ingelheim Vetmedica																							
Alpha-7												•	•	•	•	•	•	•					
Alpha-7/MB												•	•	•	•	•	•	•					•
Alpha-CD															•	•	•						
Bar-Guard-99																						•	
Bar Vac 7												•	•	•	•	•	•	•					
Bar Vac 7/Somnus					•							•	•	•	•	•	•	•					
Bar Vac 8												•	•	•	•	•	•	•	•				
Bar Vac CD															•	•	•						
Bar Vac CD/T															•	•	•					•	
Bo-Bac-2X						•																•	•
Breed-Back FP 5	•	•	•	•																			
Breed-Back FP 5-HS	•	•	•	•	•																		
Breed-Back-10		•	•	•	•					•	•												
Breed-Back FP 10	•	•	•	•						•													
Breed-Back FP 10-HS	•	•	•	•	•					•													
C & D Antitoxin															•	•	•						
Caliber 3															•	•	•						
Caliber 7												•	•	•	•	•	•						
Elite 4						•	•	•	•														
Elite 4-HS					•	•	•	•	•														
Elite 9						•	•	•	•	•													
Elite 9-HS					•	•	•	•	•	•													

CONTENT

COMPANY & TRADE NAMES

Boehringer Ingelheim (cont.)	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	PI3 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	PI3 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani (Tetanus)	Rotavirus and/or Coronavirus	Moraxella bovis (Pinkeye)	Other
Express 3		•	•																					
Express 3/LP		•	•								•													
Express 4		•	•	•		•																		
Express 5	•	•	•	•																				
Express 5-HS	•	•	•	•	•																			
Express 5-PHM	•	•	•	•		•																		
Express 10	•	•	•	•							•													
Express 10-HS	•	•	•	•	•						•													
Express I		•																						
Express I/LP		•									•													
Express IBP		•	•	•																				
Express IBP/HS-2P		•	•	•	•	•																		
Express IP/HS-2P		•		•	•	•																		
Lepto-5											•													
Lysigin																								•
Ocu-guard MB																							•	
Pulmo-guard MpB																								•
Pulmo-guard PH-M						•																		
Pulmo-guard PHM-1						•																		
Pulmo-guard PH-M/SDT						•																		•
Quatracon-2X						•															•			•
SDT-guard																								•
Tetguard																				•				
Vibrio-Lepto-5											•	•												
Colorado Serum Company (a division of Colorado Veterinary Products)																								
Anthrax Spore Vaccine																								•
Bovine Rhinotracheitis-Parainfluenza3 Vaccine		•		•																				
Bovine Virus Diarrhea Vaccine			•																					
Bovi-Sera Serum Antibodies						•														•				•
Brucella Abortus Vaccine Strain RB-51																								•
Campylobacter Fetus Bacterin-Bovine											•													
Clostridium perfringens type C & D Antitoxin															•	•	•							
Essential 1																			•					
Essential 2											•	•												

CONTENT

COMPANY & TRADE NAMES

BRSV (live) Bovine Respiratory Syncytial Virus
 IBR (live) Red Nose
 BVD (live) Bovine Virus Diarrhea
 PI3 (live) Parainfluenza 3
 Haemophilus Somnus
 Pasteurella (Shipping Fever)
 BRSV (killed) Bovine Respiratory Syncytial Virus
 IBR (killed) Red Nose
 BVD (killed) Bovine Virus Diarrhea
 PI3 (killed) Parainfluenza 3
 Leptospirosis
 Vibrio fetus (Campylobacter)
 Clostridium chauvoei (Blackleg)
 Clostridium septicum (Malignant Edema)
 Clostridium novyi
 Clostridium sordelli
 Clostridium perfringens B
 Clostridium perfringens C
 Clostridium perfringens D
 Clostridium hemolyticum
 E. coli
 Rotavirus tetani (Tetanus)
 Moraxella and/or Coronavirus
 Other

Colorado Serum Co. (cont.)	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	Clostridium hemolyticum	E. coli	Rotavirus tetani	Moraxella and/or Coronavirus	Other
Essential 2+P					•							•	•											
Essential 3																•	•	•						
Essential 3+T																•	•	•		•				
Essential 4												•	•	•	•									
Lepto-5									•															
Pasteurella haemolytica multivocoid Bacterin					•																			
Pre-Breed 6	•										•													
Pre-Breed 8	•	•	•								•													
Respira 1	•																							
Respira 3	•	•	•																					
Respiragen Serum Antibodies					•																			•
Salmonella dublin-typhimurium Bacterin																								•
Tetanus Antitoxin																					•			
Tetanus Toxoid-Concentrated																					•			
Tetanus Toxoid-Unconcentrated																					•			
Wart Vaccine																								•

Durvet	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	Clostridium hemolyticum	E. coli	Rotavirus tetani	Moraxella and/or Coronavirus	Other
Cattle-Vac Clostri-7												•	•	•	•	•	•							
Cattle-Vac EC																					•			
Cattle-Vac EC+C																	•				•			
Cattle-Vac E. coli																					•			
Cattle-Vac E. coli+C																	•				•			
Cattle-Vac HS					•																			
Cattle-Vac Pinkeye 4																							•	
Cattle-Vac Salmo																								•
Cattle-Vac Vibrio-Plus									•															
Clostridal Antitoxin BCD																•	•	•						
Clostridal BCD																•	•	•						
Clostridal 7-Way												•	•	•	•	•	•	•						
Durguard 4						•	•	•																
Durguard 5					•	•	•	•																
Durguard 5+VL5					•	•	•	•	•	•		•												
Durguard 5HS					•	•	•	•	•															
Durguard 5HS+VL5					•	•	•	•	•	•		•												
Durguard 10					•	•	•	•	•	•														
Durguard 10HS					•	•	•	•	•	•														

CONTENT

COMPANY & TRADE NAMES

BRSV (live) Bovine Respiratory Syncytial Virus
 IBR (live) Red Nose
 BVD (live) Bovine Virus Diarrhea
 PI3 (live) Parainfluenza 3
 Haemophilus Somnus
 Pasteurella (Shipping Fever)
 BRSV (killed) Bovine Respiratory Syncytial Virus
 IBR (killed) Red Nose
 BVD (killed) Bovine Virus Diarrhea
 PI3 (killed) Parainfluenza 3
 Leptospirosis
 Vibrio fetus (Campylobacter)
 Clostridium chauvoei (Blackleg)
 Clostridium septicum (Malignant Edema)
 Clostridium novyi
 Clostridium sordelli
 Clostridium perfringens B
 Clostridium perfringens C
 Clostridium perfringens D
 E. coli
 Rotavirus tetani (Tetanus)
 Rotavirus and/or Coronavirus
 Moraxella bovis (Pinkeye)
 Other

Durvet (continued)	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani	Rotavirus and/or Coronavirus	Moraxella bovis	Other
Durshield 4	•	•	•	•																				
Durshield IP		•		•																				
Lepto 5											•													
Multi Serum					•															•			•	
Piliguard Pinkeye-1																						•		
Scour Vac 2K																								
Scour Vac 3K+C																•				•	•			
Tetanus Antitoxin																			•					
Vibrio-Lepto 5											•	•												
VL5-1X											•	•												
VL5-1X Plus											•	•												
Wart Vac																								•

Fort Dodge Animal Health (a division of Wyeth)	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani	Rotavirus and/or Coronavirus	Moraxella bovis	Other
EnterVene-d																								•
Presponse HM					•																			
Presponse SQ					•																			
Prism 4	•	•		•				•																
Prism 9	•	•		•				•		•														
Pyramid 4+Presponse SQ	•	•	•	•	•																			
Pyramid 5	•	•	•	•																				
Pyramid 8		•	•	•							•													
Pyramid 9	•	•	•	•							•													
Pyramid IBR		•									•													
Pyramid IBR+Lepto		•									•													
Pyramid MLV 3		•	•	•																				
Pyramid MLV 4	•	•	•	•																				
Tetanus Antitoxin																			•					
Triangle 1+Type II BVD								•																
Triangle 3 V5L							•	•	•	•	•													
Triangle 4+Type II BVD						•	•	•	•	•														
Triangle 4+HS				•	•	•	•	•	•	•														
Triangle 4+PH/HS				•	•	•	•	•	•	•														
Triangle 4+PH-K				•	•	•	•	•	•	•														
Triangle 9+Type II BVD						•	•	•	•	•	•													
Triangle 9+HS				•	•	•	•	•	•	•	•													
Triangle 9+PH-K					•	•	•	•	•	•	•													

CONTENT

COMPANY & TRADE NAMES

Fort Dodge Animal Health (cont.)	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	P13 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	P13 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani (Tetanus)	Rotavirus and/or Coronavirus	Moraxella bovis (Pinkeye)	Other
Trichguard																								•
Trichguard V5L									•	•														•
TriVib 5L								•	•															
Hygieia																								
J-5 Escherichia Coli Bacterin																				•				
Serpens Species Bacterin																								•
Staphylococcus aureus Bacterin-Toxoid																								•
ImmuCell																								
First Defense (antibody)																				•	•			
Immvac																								
ENDOVAC-Bovi					•															•				•
Intervet																								
20/20																								•
20/20 Vision 7												•	•	•	•		•	•						•
Master Guard 10	•	•	•	•					•															
Master Guard 10+Vibrio	•			•			•	•	•	•														
Master Guard Preg 5	•	•	•	•																				
Titanium 3		•	•																					
Titanium 5	•	•	•	•																				
Titanium 5+P.H.M. Bac-1	•	•	•	•	•																			
Titanium 5 L5	•	•	•	•					•															
Titanium BRSV	•																							
Titanium BRSV 3	•	•		•																				
Titanium IBR		•																						
NeoGuard																								•
Once PMH					•																			•
Super-Tet with Havlogen																				•				
Vibralone L5									•	•														
Vision 7												•	•	•	•		•	•						
Vision 7 Somnus					•							•	•	•	•		•	•						
Vision 8												•	•	•	•		•	•	•					
Vision 8 Somnus					•							•	•	•	•		•	•	•					
Vision CD																	•	•						
Vision CD•T																	•	•		•				
Volar																								•

CONTENT

COMPANY & TRADE NAMES

Merial	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	PI3 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	PI3 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani (Tetanus)	Moraxella and/or Coronavirus	Other
Imrab 3																							•
Imrab Large Animal																							•
J-Vac																					•		
Reliant 3		•	•	•																			
Reliant 4		•	•	•		•																	
Reliant IBR		•																					
Reliant IBR/BVD/Lepto		•	•								•												
Reliant IBR/Lepto		•									•												
Reliant Plus	•	•	•	•			•																
Reliant Plus BVD-K	•	•	•	•			•																
Respishield 4						•	•	•	•														
Respishield 4L5						•	•	•	•	•													
Novartis																							
Antitox Tet (antiserum)																				•			
Arsenal 4.1	•	•	•	•																			
Bovine Ecolizer (antiserum)																					•		
Bovine Ecolizer+C (antiserum)																•					•		
Bovine Pili Shield																					•		
Bovine Pili Shield+C																•					•		
Clostratox BCD (antiserum)																•	•	•					
Clostratox C (antiserum)																•	•	•					
Clostratox Ultra C 1300 (antiserum)																•	•	•					
Clostri Shield 7												•	•	•	•	•	•	•					
Clostri Shield BCD																•	•	•					
Fusogard																							•
Lepto Shield 5											•												
Pinkeye Shield XT4																						•	
Poly Serum (antiserum)						•															•		•
Quick Shield Intranasal IBR-PI3		•		•																			
Salmo Shield T																							•
Salmo Shield TD																							•
Scour Bos 4																						•	
Scour Bos 9																•				•	•		
Somnu Shield						•																	
Syn Shield						•																	
Trep Shield HW																							•

CONTENT

COMPANY & TRADE NAMES

	BRSV (live) Bovine Respiratory Syncytial Virus	IBR (live) Red Nose	BVD (live) Bovine Virus Diarrhea	PI3 (live) Parainfluenza 3	Haemophilus Somnus	Pasteurella (Shipping Fever)	BRSV (killed) Bovine Respiratory Syncytial Virus	IBR (killed) Red Nose	BVD (killed) Bovine Virus Diarrhea	PI3 (killed) Parainfluenza 3	Leptospirosis	Vibrio fetus (Campylobacter)	Clostridium chauvoei (Blackleg)	Clostridium septicum (Malignant Edema)	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	E. coli	Rotavirus tetani (Tetanus)	Rotavirus and/or Coronavirus	Moraxella bovis (Pinkeye)	Other
Pfizer (continued)																								
CattleMaster 4+VL5	•	•	•				•	•	•															
CattleMaster BVD-K							•																	
CattleMaster Gold FP 5	•	•	•				•																	
CattleMaster Gold FP L5	•	•	•				•	•																
Defensor 3																							•	
E. coli Bacterin-J5 Strain																				•				
Fortress 7												•	•	•	•	•	•	•						
Fortress 8												•	•	•	•	•	•	•	•					
Fortress CD															•	•	•							
Leptoferm-5								•																
One Shot					•																			
One Shot Ultra 7					•							•	•	•	•	•	•	•						
One Shot Ultra 8					•							•	•	•	•	•	•	•	•					
Preg-Guard FP9		•	•	•				•	•															
Preg-Guard Gold FP 10		•	•	•				•	•															
Resvac 4/Somubac	•	•	•	•	•																			
Resvac BRSV Somubac	•				•																			
ScourGuard 3 (K)																				•	•			
ScourGuard 3 (K)/C																•				•	•			
Somubac					•																			
Spirovac								•																
Spirovac VL5								•	•															
StayBred VL5								•	•															
TSV-2 (intranasal)		•		•																				
Ultrabac 7												•	•	•	•	•	•	•						
Ultrabac 7/Somubac					•							•	•	•	•	•	•	•						
Ultrabac 8												•	•	•	•	•	•	•	•					
Ultrabac CD															•	•	•							
UltraChoice 7												•	•	•	•	•	•	•						
UltraChoice 8												•	•	•	•	•	•	•	•					
UltraChoice CD															•	•	•							
Vibrin									•															
Vibrio/Leptoferm 5								•	•															
Professional Biological Company (a division of Colorado Veterinary Products)																								
Brucella Abortus Vaccine RB-51																								•

CONTENT

COMPANY & TRADE NAMES

BRSV (live) Bovine Respiratory Syncytial Virus
 IBR (live) Red Nose
 BVD (live) Bovine Virus Diarrhea
 PI3 (live) Parainfluenza 3
 Haemophilus Somnus
 Pasteurella (Shipping Fever)
 BRSV (killed) Bovine Respiratory Syncytial Virus
 IBR (killed) Red Nose
 BVD (killed) Bovine Virus Diarrhea
 PI3 (killed) Parainfluenza 3
 Leptospirosis
 Vibrio fetus (Campylobacter)
 Clostridium chauvoei (Blackleg)
 Clostridium septicum (Malignant Edema)
 Clostridium novyi
 Clostridium sordelli
 Clostridium perfringens B
 Clostridium perfringens C
 Clostridium perfringens D
 Clostridium hemolyticum
 E. coli
 Rotavirus tetani (Tetanus)
 Moraxella and/or Coronavirus
 Moraxella bovis (Pinkeye)
 Other

Professional Biological Co. (cont.)	BRSV (live)	IBR (live)	BVD (live)	PI3 (live)	Haemophilus Somnus	Pasteurella	BRSV (killed)	IBR (killed)	BVD (killed)	PI3 (killed)	Leptospirosis	Vibrio fetus	Clostridium chauvoei	Clostridium septicum	Clostridium novyi	Clostridium sordelli	Clostridium perfringens B	Clostridium perfringens C	Clostridium perfringens D	Clostridium hemolyticum	E. coli	Rotavirus tetani	Moraxella and/or Coronavirus	Moraxella bovis	Other
Clostridium perfringens Type C & D Antitoxin																	•	•	•						
Clostridium perfringens Type C & D Toxoid																	•	•	•						
Clostridium perfringens Type C & D Tetanus Toxoid																	•	•	•	•					
Tetanus Antitoxin																					•				
Tetanus Toxoid Concentrated																					•				

Schering-Plough Animal Health

Colostrx																									
Covexin 8 Vaccine													•	•	•		•	•	•	•	•				
Electroid D																				•					
Electroid 7 Vaccine													•	•	•	•	•	•	•						
Jencine 2				•	•																				
Jencine 3				•	•	•																			
Jencine 4	•			•	•	•																			
Nasalgen IP Vaccine				•	•																				
Piliguard Pinkeye-1 Trivalent																								•	
Piliguard Pinkeye Triview																								•	
Piliguard Pinkeye+7													•	•	•	•	•	•	•					•	
Rabdomun Vaccine																									•
Siteguard G																	•	•	•						
Siteguard MLG Vaccine													•	•	•	•	•	•	•						

Texas Vet Lab, Inc.

Bactoid PH 1																									
Mycobac B																									•
Poly-Bac B 3																									
Poly-Bac B Somnus																									•
Super Poly-Bac B Somnus																									•

Vedco

TrustGard 7													•	•	•	•	•	•	•						
TrustGard 7/HS													•	•	•	•	•	•	•						
TrustGard 8													•	•	•	•	•	•	•	•					
TrustGard CD																	•	•	•						
TrustGard CD/T																	•	•	•						
TrustGard HS																	•								

PARTIAL LIST OF CATTLE VACCINES

20/20	Intervet	Breed-Back-10	Boehringer	Cobalt 7	AgriLabs
20/20 Vision 7	Intervet	Breed-Back FP 5	Boehringer	Colimune-Oral	Bioniche Animal Health
7 Gauge	AgriPharm	Breed-Back FP 5-HS	Boehringer	Colostrx	Schering-Plough
7-Way	Aspen	Breed-Back FP 10	Boehringer	Conquest 3K+VL5	Aspen
7-Way/Somnus	Aspen	Breed-Back FP 10-HS	Boehringer	Conquest 4K	Aspen
8-Way	Aspen	Brucella Abortus Vaccine RB-51	Professional Biological	Conquest 5K (oil base)	Aspen
Alpha-7	Boehringer	Brucella Abortus Vaccine Strain RB-51	Colorado Serum	Conquest 5K+HS (oil base)	Aspen
Alpha-7/MB	Boehringer	C & D Antitoxin	Boehringer	Conquest 5K+VL5 (oil base)	Aspen
Alpha-CD	Boehringer	C & D Toxoid	Aspen	Conquest 9K	Aspen
Anthrax Spore Vaccine	Colorado Serum	Calf-Guard	Pfizer	Conquest 10K	Aspen
Antidote PHM	AgriPharm	Caliber 3	Boehringer	Covert 5	AgriPharm
Antitox Tet	Novartis	Caliber 3	Aspen	Covert 5-HS	AgriPharm
Arsenal 4.1	Novartis	Caliber 7	Aspen	Covert 10	AgriPharm
Bactoid PH 1	Texas Vet Lab	Caliber 7	Boehringer	Covert 10-HS	AgriPharm
Bar Vac CD/T	Boehringer	Campylobacter Fetus Bacterin-Bovine	Colorado Serum	Covexin 8	AgriLabs
Bar-Guard-99	Boehringer	CattleMaster 4	Pfizer	Covexin 8 Vaccine	Schering-Plough
Bar Vac 7	Boehringer	CattleMaster 4+L5	Pfizer	Cow-Vac 9	Aspen
Bar Vac 7/Somnus	Boehringer	CattleMaster 4+VL5	Pfizer	Defensor 3	Pfizer
Bar Vac 8	Boehringer	CattleMaster BVD-K	Pfizer	DurGuard 4	Durvet
Bar Vac CD	Boehringer	CattleMaster Gold FP 5	Pfizer	DurGuard 5	Durvet
Bo-Bac-2X	Boehringer	CattleMaster Gold FP L5	Pfizer	DurGuard 5HS	Durvet
BovaMune	AgriLabs	Cattle-Vac Clostri-7	Durvet	DurGuard 5+VL5	Durvet
Bovine Ecolizer	Novartis	Cattle-Vac E. coli	Durvet	DurGuard 5HS+VL5	Durvet
Bovine Ecolizer+C	Novartis	Cattle-Vac E. coli+C	Durvet	DurGuard 10	Durvet
Bovine Pili Shield	Novartis	Cattle-Vac EC	Durvet	DurGuard 10HS	Durvet
Bovine Pili Shield+C	Novartis	Cattle-Vac EC+C	Durvet	Durshield 4	Durvet
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine	Colorado Serum	Cattle-Vac HS	Durvet	Durshield IP	Durvet
Bovine Virus Diarrhea Vaccine	Colorado Serum	Cattle-Vac Pinkeye 4	Durvet	E. coli Bac	AgriLabs
Bovi-Sera Serum Antibodies	Colorado Serum	Cattle-Vac Salmo	Durvet	E. coli Bacterin-J5 Strain	Pfizer
Bovi-Shield 3	Pfizer	Cattle-Vac Vibrio-Plus	Durvet	E. Colicin-B	AgriLabs
Bovi-Shield 4	Pfizer	Clostratrox BCD	Novartis	E-Coli+C Antibody	AgriPharm
Bovi-Shield BRSV	Pfizer	Clostratrox C	Novartis	Electroid 7 Vaccine	Schering-Plough
Bovi-Shield FP 4+L5	Pfizer	Clostratrox Ultra C 1300	Novartis	Electroid D	Schering-Plough
Bovi-Shield FP 4+VL5	Pfizer	Clostri Shield 7	Novartis	Elite 4	Boehringer
Bovi-Shield Gold 3	Pfizer	Clostri Shield BCD	Novartis	Elite 4	AgriLabs
Bovi-Shield Gold 5	Pfizer	Clostridal Antitoxin BCD	Durvet	Elite 4-HS	AgriLabs
Bovi-Shield Gold FP 5 L5	Pfizer	Clostridial 7-Way	AgriLabs	Elite 4-HS	Boehringer
Bovi-Shield Gold FP 5 VL5	Pfizer	Clostridial 7-Way Plus Somnumune	AgriLabs	Elite 9	AgriLabs
Bovi-Shield Gold IBR-BVD	Pfizer	Clostridial 8-Way MLG	AgriLabs	Elite 9	Boehringer
Bovi-Shield Gold IBR-BVD-BRSV-LP	Pfizer	Clostridial BCD	Durvet	Elite 9-HS	AgriLabs
Bovi-Shield IBR	Pfizer	Clostridium Perfringens Types C & D Antitoxin	Colorado Serum	Elite 9-HS	Boehringer
Bovi-Shield IBR-BVD	Pfizer	Clostridium Perfringens Types C & D Antitoxin	Professional Biological	ENDOVAC-Bovi	Immvac
Bovi-Shield IBR-BVD-BRSV-LP	Pfizer	Clostridium Perfringens Types C & D Toxoid	Professional Biological	EnterVene-d	Fort Dodge
Bovi-Shield IBR-BRSV-LP	Pfizer	Clostridium Perfringens Types C & D Tetanus Toxoid	Professional Biological	Essential 1	Colorado Serum
Bovi-Shield IBR-PI3-BRSV	Pfizer			Essential 2	Colorado Serum

PARTIAL LIST OF CATTLE VACCINES

Essential 2+P	Colorado Serum	Jencine 4	Schering-Plough	Preg-Guard Gold FP10	Pfizer
Essential 3	Colorado Serum	J-Vac	Merial	Presponse HM	Fort Dodge
Essential 3+T	Colorado Serum	Lepto 5	AgriLabs	Presponse SQ	Fort Dodge
Essential 4	Colorado Serum	Lepto 5	Durvet	Pre-Vent 6	AgriLabs
Exalt 5	AgriPharm	Lepto 5 Vaccine	Aspen	Prism 4	Fort Dodge
Exalt 5+L5	AgriPharm	Lepto Shield 5	Novartis	Prism 9	Fort Dodge
Exalt 5+Somnus	AgriPharm	Lepto-5	Boehringer	Pulmo-Guard MpB	Boehringer
Exalt 5+VL5	AgriPharm	Lepto-5	Colorado Serum	Pulmo-guard PH-M	Boehringer
Express 3	Boehringer	Leptoform-5	Pfizer	Pulmo-guard PH-M/SDT	Boehringer
Express 3/LP	Boehringer	Lysigin	Boehringer	Pulmo-guard PHM-1	Boehringer
Express 4	Boehringer	Master Guard 10	AgriLabs	Pyramid 4+Presponse SQ	Fort Dodge
Express 5	Boehringer	Master Guard 10	Intervet	Pyramid 5	Fort Dodge
Express 5-HS	Boehringer	Master Guard 10+Vibrio	AgriLabs	Pyramid 8	Fort Dodge
Express 5-PHM	Boehringer	Master Guard 10+Vibrio	Intervet	Pyramid 9	Fort Dodge
Express 10	Boehringer	Master Guard J5	AgriLabs	Pyramid IBR	Fort Dodge
Express 10-HS	Boehringer	Master Guard Preg 5	AgriLabs	Pyramid IBR+Lepto	Fort Dodge
Express I	Boehringer	Master Guard Preg 5	Intervet	Pyramid MLV 3	Fort Dodge
Express IBP	Boehringer	Maxi/Guard Pinkeye Bacterin	Addison Labs	Pyramid MLV 4	Fort Dodge
Express IBP/HS-2P	Boehringer	Multi Serum	Durvet	Quatracon-2X	Boehringer
Express I/LP	Boehringer	Myco-Bac B	Texas Vet Lab	Quick Shield Intranasal IBR-PI3	Novartis
Express IP/HS-2P	Boehringer	Mycomune	Biomune	Rabdomun Vaccine	Schering-Plough
First Defense	ImmuCell	Mycoplasma Bovis Bacterin	Texas Vet Lab	Reliant 3	Merial
Fortress 7	Pfizer	Nasalgen IP Vaccine	Schering-Plough	Reliant 4	Merial
Fortress 8	Pfizer	Nasal-Vax	AgriPharm	Reliant IBR	Merial
Fortress CD	Pfizer	NeoGuard	Intervet	Reliant IBR/BVD/Lepto	Merial
Fusogard	Novartis	Ocu-guard MB	Boehringer	Reliant IBR/Lepto	Merial
Gauge C&D	AgriPharm	Once PMH	Intervet	Reliant Plus	Merial
H. Somnus Bacterin	Aspen	One Shot	Pfizer	Reliant Plus BVD-K	Merial
Herd-Vac 3	Biocor	One Shot Ultra 7	Pfizer	Resist 7	AgriPharm
Herd-Vac 3S	Biocor	One Shot Ultra 8	Pfizer	Resist 7HS	AgriPharm
Herd-Vac 8	Biocor	P.H.M. Bac 1	AgriLabs	Resist 8	AgriPharm
Herd-Vac V9	Biocor	Papillomune	Biomune	Respira 1	Colorado Serum
IBL Vaccine	Aspen	Pasteurella Haemolytica Multicoda Bacterin	Colorado Serum	Respira 3	Colorado Serum
IBL-L5 Vaccine	Aspen	Piliguard Pinkeye+7	Schering-Plough	Respiragen Serum Antibodies	Colorado Serum
IBP Vaccine	Aspen	Piliguard Pinkeye Triview	Schering-Plough	Respishield 4	Merial
IBP-SomnuMune Vaccine	Aspen	Piliguard Pinkeye-1	Durvet	Respishield 4L5	Merial
IL Vaccine	Aspen	Piliguard Pinkeye-1 Trivalent	Schering-Plough	ResProMune 4	AgriLabs
Immunoboost	Bioniche Animal Health	Pinkeye Shield XT4	Novartis	ResProMune 4+SomnuMune	AgriLabs
Imrab 3	Merial	Pinkeye-3	Aspen	ResProMune 4 I-B-P+BRSV	AgriLabs
Imrab Large Animal	Merial	Poly Serum (anitserum)	Novartis	ResProMune 4+VL5	AgriLabs
Instavac Intranasal IBR-PI3	Aspen	Poly-Bac B 3	Texas Vet Lab	ResProMune 5 IBP-BRSV	AgriLabs
I-Site	AgriLabs	Poly-Bac B Somnus	Texas Vet Lab	ResProMune 5 L5	AgriLabs
J-5 Escherichia Coli Bacterin	Hygieia	Pre-Breed 6	Colorado Serum	ResProMune 5 L5+SM	AgriLabs
Jencine 2	Schering-Plough	Pre-Breed 8	Colorado Serum	ResProMune 5+Somnumune	AgriLabs
Jencine 3	Schering-Plough	Preg-Guard FP9	Pfizer	ResProMune 5+VL5	AgriLabs

PARTIAL LIST OF CATTLE VACCINES

ResProMune 8	AgriLabs	Tetanus Toxoid-Concentrated	Professional Biological	TSV-2 (intranasal)	Pfizer
ResProMune 9	AgriLabs	Tetanus Toxoid-Concentrated	Colorado Serum	UltraChoice 7	Pfizer
ResProMune 10	AgriLabs	Tetanus Toxoid-Unconcentrated	Colorado Serum	UltraChoice 8	Pfizer
Resvac 4/Somubac	Pfizer	Tetguard	Boehringer	UltraChoice CD	Pfizer
Resvac BRSV Somubac	Pfizer	Tetna-Vax	AgriPharm	Ultrabac 7	Pfizer
Salmo Shield T	Novartis	Titanium 3	AgriLabs	Ultrabac 7/Somubac	Pfizer
Salmo Shield TD	Novartis	Titanium 3	Intervet	Ultrabac 8	Pfizer
Salmonella Dublin-Typhimurium Bacterin	Colorado Serum	Titanium 4	AgriLabs	Ultrabac CD	Pfizer
Scour Bos 4	Novartis	Titanium 4 L5	AgriLabs	Vib Shield L5	Novartis
Scour Bos 9	Novartis	Titanium 5	AgriLabs	Vib Shield Plus	Novartis
Scour Vac 2K	Durvet	Titanium 5	Intervet	Vib Shield Plus L5	Novartis
Scour Vac 3K+C	Durvet	Titanium 5+P.H.M. Bac-1	AgriLabs	Vibralone-L5	Intervet
Scour Vac 4	AgriLabs	Titanium 5+P.H.M. Bac-1	Intervet	Vibrin	Pfizer
Scour Vac 9	AgriLabs	Titanium 5 L5	AgriLabs	Vibrio Lepto 5 (oil base)	Aspen
Scour Vac E. Coli+C	AgriLabs	Titanium 5 L5	Intervet	Vibrio/Leptoferm 5	Pfizer
ScourGuard 3 (K)	Pfizer	Titanium BRSV	Intervet	Vibrio-Lepto 5	AgriLabs
ScourGuard 3 (K)/C	Pfizer	Titanium BRSV 3	Intervet	Vibrio-Lepto 5	Durvet
ScourVax 4	AgriPharm	Titanium BRSV Vac 3	AgriLabs	Vibrio-Lepto 5 Vaccine	Aspen
ScourVax 9	AgriPharm	Titanium IBR	AgriLabs	Vibrio-Lepto-5	Boehringer
SDT-Guard	Boehringer	Titanium IBR	Intervet	Vira Shield 2	Novartis
Serpens Species Bacterin	Hygieia	Titanium IBR-LP	AgriLabs	Vira Shield 2+BRSV	Novartis
Siteguard G	Schering-Plough	TiterVac 5	Aspen	Vira Shield 3	Novartis
Siteguard MLG Vaccine	Schering-Plough	TiterVac 5-HS	Aspen	Vira Shield 3+VL5	Novartis
Somnu Shield	Novartis	TiterVac 5+PHM	Aspen	Vira Shield 4	Novartis
SomnuMune	AgriLabs	TiterVac 10	Aspen	Vira Shield 4+L5	Novartis
Somubac	Pfizer	TiterVac 10-HS	Aspen	Vira Shield 5	Novartis
Spirovac	Pfizer	Trep Shield HW	Novartis	Vira Shield 5+L5	Novartis
Spirovac VL5	Pfizer	Triangle 1+Type II BVD	Fort Dodge	Vira Shield 5+L5 Somnus	Novartis
Staphylococcus Aureus Bacterin-Toxoid	Hygieia	Triangle 3 V5L	Fort Dodge	Vira Shield 5+Somnus	Novartis
StayBred VL5	Pfizer	Triangle 4+HS	Fort Dodge	Vira Shield 5+VL5	Novartis
Super Poly-Bac B Somnus	Texas Vet Lab	Triangle 4+PH/HS	Fort Dodge	Vira Shield 5+VL5 Somnus	Novartis
Super-Tet with Havlogen	Intervet	Triangle 4+PH-K	Fort Dodge	Vision 7	Intervet
Surround 4	Biocor	Triangle 4+Type II BVD	Fort Dodge	Vision 7 Somnus	Intervet
Surround 4+HS	Biocor	Triangle 9+HS	Fort Dodge	Vision 8	Intervet
Surround 8	Biocor	Triangle 9+PH-K	Fort Dodge	Vision 8 Somnus	Intervet
Surround 9	Biocor	Triangle 9+Type II BVD	Fort Dodge	Vision CD	Intervet
Surround 9+HS	Biocor	TrichGuard	Fort Dodge	Vision CD•T	Intervet
Surround HS	Biocor	TrichGuard V5L	Fort Dodge	VL5-1X	Durvet
Surround L5	Biocor	TriVib 5L	Fort Dodge	VL5-1X Plus	Durvet
Surround V-L5	Biocor	TrustGard 7	Vedco	Volar	Intervet
Syn Shield	Novartis	TrustGard 7/HS	Vedco	Wart Shield	Novartis
Tetanus Antitoxin	Durvet	TrustGard 8	Vedco	Wart Vaccine	AgriLabs
Tetanus Antitoxin	Fort Dodge	TrustGard CD	Vedco	Wart Vaccine	Colorado Serum
Tetanus Antitoxin	Colorado Serum	TrustGard CD/T	Vedco	Wart-Vac	Durvet
Tetanus Antitoxin	Professional Biological	TrustGard HS	Vedco		

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