Suitable Vaccines for the MCA-MSU Bull Evaluation[a]

Dan Buskirk, Michigan State University

Bulls entering the MCA-MSU Bull Evaluation must be vaccinated and boostered per label instructions for **Infectious Bovine Rhinotracheitis (IBR)*, Bovine Viral Diarrhea Virus (BVDV types 1 & 2)*, Parainfluenza type 3, (PI3)*, and Bovine Respiratory Syncytial Virus (BRSV)*, (*At least one dose must be a modified live vaccine), Mannheimia haemolytica (with "leukotoxoid" or "toxoid"), Histophilus somni, and 7-way clostridial**. Boosters must be given between 14 and 90 days before receiving. Products labeled as "OneShot" or "Once" must also be boostered, as bulls will be commingled.

Table 1. Suitable vaccine examples and their contents which are relevant to the Bull Evaluation

ML = Modified live vaccine; **X** = Killed vaccine; **C** = Avirulent live culture

Manufacturer	Vaccine	IBR	BVD Type 1	BVD Type 2	PI3	BRSV	Mannheimia Haemolytica	Histophilus somni	Clostridium 7-way
Boehringer Ingelheim	Express 5	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Express 5-HS	ML	ML	ML	ML	ML		X	
Boehringer Ingelheim	Express FP 5	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Express FP 5 VL5 HB	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Express FP 10 HB	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Pyramid 5	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Pyramid 10	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Pyramid 10 HB	ML	ML	ML	ML	ML			
Boehringer Ingelheim	Pyramid 5 + Presponse SQ	ML	ML	ML	ML	ML	X		
Boehringer Ingelheim	Triangle 5	X	X	X	X	X			
Boehringer Ingelheim	Triangle 10 HB	X	X	X	X	X			
Boehringer Ingelheim	Bar Somnus 2P						X	X	
Boehringer Ingelheim	Presponse HM						X		
Boehringer Ingelheim	Presponse SQ						X		
Boehringer Ingelheim	Bar-Vac 7/Somnus							X	X
Boehringer Ingelheim	Alpha-7								X
Boehringer Ingelheim	Alpha-7/MB-1								X
Boehringer Ingelheim	Bar-Vac 7								X
Boehringer Ingelheim	Bar-Vac 8								X
Boehringer Ingelheim	Caliber 7								X
Covetrus	Prism 5 (by Boehringer Ingelheim)	ML	X	ML	ML	ML			
Elanco	Titanium 5	ML	ML	ML	ML	ML			
Elanco	Titanium 5 L5 HB	ML	ML	ML	ML	ML			
Elanco	ViraShield 6	X	X	X	X	X			
Elanco	ViraShield 6+L5	X	X	X	X	X			
Elanco	ViraShield 6+L5 HB	X	X	X	X	X			
Elanco	ViraShield 6+L5 HB Somnus	X	X	X	X	X		X	
Elanco	ViraShield 6+Somnus							X	
Elanco	ViraShield 6+VL5 HB	X	X	X	X	X			
Elanco	ViraShield 6+VL5 HB Somnus	X	X	X	X	X		X	
Elanco	ViraShield 6+VL5 Somnus	X	X	X	X	X		X	
Elanco	MasterGuard 10 HB	X	X	X	ML	ML			
Elanco	Nuplura PH						X		
Elanco	Nuplura PH + BVD		ML	ML			X		
Elanco	Nuplura PH + 3	ML	ML	ML			X		
Elanco	Nuplura PH + 5	ML	ML	ML	ML	ML	X		

Table 1. Suitable vaccine examples and their contents which are relevant to the Bull Evaluation

ML = Modified live vaccine; **X** = Killed vaccine; **C** = Avirulent live culture

Manufacturer	Vaccine	IBR	BVD Type 1	BVD Type 2	PI3	BRSV	Mannheimia Haemolytica	Histophilus somni	Clostridium 7-way
Elanco	Somu Shield							X	
Merck Animal Health	Bovilis Vista 5 SQ	ML	ML	ML	ML	ML			
Merck Animal Health	Bovilis Vista 5 L5 SQ CFP	ML	ML	ML	ML	ML			
Merck Animal Health	Bovilis Vista 5 VL5 SQ CFP	ML	ML	ML	ML	ML			
Merck Animal Health	Bovilis Vista Once SQ	ML	ML	ML	ML	ML	X		
Merck Animal Health	Bovilis Vista 5 SQ	ML	ML	ML	ML	ML			
Merck Animal Health	Bovilis Vista BVD CFP		ML	ML					
Merck Animal Health	Bovilis Once PMH SQ						C		
Merck Animal Health	Bovilis Vision 7 Somnus w/SPUR							X	X
Merck Animal Health	Bovilis 20/20 Vision 7 w/ SPUR								X
Merck Animal Health	Bovilis Vision 8 w/ SPUR								X
Merck Animal Health	Bovilis Vision 8 Somnus w/ SPUR							X	X
Merck Animal Health	Bovilis Cavalry 9								X
Merck Animal Health	Bovilis Covexin 8								X
Virbac Animal Health	Bovigen Platinum 3	ML	ML	ML					
Virbac Animal Health	Bovigen Platinum 5	ML	ML	ML	ML	ML			
Zoetis	Bovishield Gold BVD		ML	ML					
Zoetis	Bovishield Gold IBR BVD	ML	ML	ML					
Zoetis	Bovishield Gold 4	ML	ML	ML	ML				
Zoetis	Bovishield Gold 5	ML	ML	ML	ML	ML			
Zoetis	Bovishield Gold FP5	ML	ML	ML	ML	ML			
Zoetis	Bovishield Gold FP5 L5	ML	ML	ML	ML	ML			
Zoetis	Bovi-Shield Gold FP5 L5 HB	ML	ML	ML	ML	ML			
Zoetis	Bovi-Shield Gold FP5 VL5	ML	ML	ML	ML	ML			
Zoetis	Bovi-Shield Gold OneShot	ML	ML	ML	ML	ML	X		
Zoetis	CattleMaster 4+VL5	ML	X	X	ML	ML			
Zoetis	Cattlemaster Gold FP5	ML	X	X	ML	ML			
Zoetis	Cattlemaster Gold FP5 L5	ML	X	X	ML	ML			
Zoetis	One Shot						X		
Zoetis	One Shot BVD		ML	ML			X		
Zoetis	One Shot Ultra 7						X		X
Zoetis	One Shot Ultra 8						X		X
Zoetis	Resvac 4/Somubac	ML	ML		ML	ML		X	
Zoetis	Somubac							X	
Zoetis	Ultrabac 7/Somubac							X	X
Zoetis	Ultrachoice 7								X
Zoetis	Ultrachoice 8								X
Zoetis	Ultrabac 7								X
Zoetis	Ultrabac 8								X

[a]Trade names and commercial products listed are solely to provide specific information and does not imply recommendation or endorsement by MSU Extension, nor does it imply approval to the exclusion of other products. Product names and packages are similar; match product names exactly to ensure desired pathogen protection. While the author believes the information provided is complete and accurate, no warranty is made with respect thereto. Always follow the product label for claims, administration, dosage, and withdrawal directions. Revised 7/26.