

Suitable Vaccines for the MCA-MSU Bull Evaluation Program^a

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Bulls entering the MCA-MSU Bull Evaluation Program must be vaccinated and boosted 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 30 days before receiving. Products labeled as "OneShot" or "Once" must also be boosted, 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	Express 5	ML	ML	ML	ML	ML			
Boehringer	Express 5-HS	ML	ML	ML	ML	ML		X	
Boehringer	Express FP 5	ML	ML	ML	ML	ML			
Boehringer	Express FP 5 VL5 HB	ML	ML	ML	ML	ML			
Boehringer	Express FP 10 HB	ML	ML	ML	ML	ML			
Boehringer	Pyramid 5	ML	ML	ML	ML	ML			
Boehringer	Pyramid 10	ML	ML	ML	ML	ML			
Boehringer	Pyramid 10 HB	ML	ML	ML	ML	ML			
Boehringer	Pyramid 5 + Presponse SQ	ML	ML	ML	ML	ML	X		
Boehringer	Triangle 5	X	X	X	X	X			
Boehringer	Triangle 10 HB	X	X	X	X	X			
Boehringer	Bar Somnus 2P						X	X	
Boehringer	Presponse HM						X		
Boehringer	Presponse SQ						X		
Boehringer	Bar-Vac 7/Somnus							X	X
Boehringer	Alpha-7								X
Boehringer	Alpha-7/MB-1								X
Boehringer	Bar-Vac 7								X
Boehringer	Bar-Vac 8								X
Boehringer	Caliber 7								X
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		

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Elanco	Nuplura PH + 3	ML	ML	ML			X		
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			
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	X
Merck Animal Health	Bovilis Cavalry 9								X
Merck Animal Health	Bovilis Covexin 8								X
Zoetis	Bovishield Gold BVD		ML	ML					
Zoetis	Bovishield Gold IBR BVD	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	Somubac							X	
Zoetis	Ultrabac 7/Somubac							X	X
Zoetis	Ultrachoice 7								X
Zoetis	Ultrachoice 8								X
Zoetis	Ultrabac 7								X
Zoetis	Ultrabac 8								X

^aTrade names and commercial products listed are solely to provide specific information and does not imply recommendation or endorsement by Michigan State University, 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 authors believe 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.