

BOVILIS[®] Respiratory Vaccines



Viral and Bacterial Diseases

- The most common causes of disease affecting cattle fall into two main categories: viral and bacterial.
- For many diseases, treatment is not an option, therefore, the best defense against those diseases is prevention through vaccines.
- See below for more information on the most common types of respiratory diseases.

Bovine Respiratory Syncytial Virus (BRSV)

- BRSV can cause pneumonia and nasal discharge.
- Bacterial pneumonia often develops as a secondary infection and primarily affects cattle less than 2 years old.

Bovine Viral Diarrhea Types 1 & 2 (BVD)

- BVD Types 1 & 2 can cause digestive tract erosions, abortions, stillbirths, infertility, birth defects, respiratory disease, and immune system suppression.
- It is estimated that 70 to 90 percent of all BVD infections go undetected.¹

Infectious Bovine Rhinotracheitis (IBR)

- IBR (Rednose) Virus can cause upper respiratory disease, eye lesions, abortions, and infertility.
- IBR is extremely contagious and outbreaks can be severe.
- The IBR virus is one of the most common agents involved in shipping fever pneumonia of feedlot calves.²

Parainfluenza Type 3 Virus (PI₃)

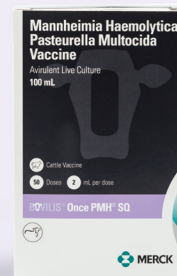
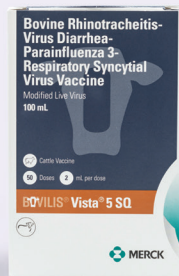
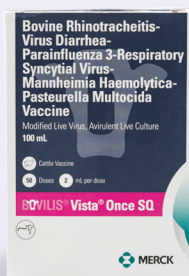
- PI₃ can cause mild respiratory disease that may lead to other respiratory infections, both viral and bacterial.

Pasteurella & Mannheimia

- A group of bacteria commonly found in the environment and animal itself that lead to mild to severe pneumonia when the animal is stressed and/or infected with other bacteria or viruses.
- Use of a broad-spectrum vaccine can prevent permanent lung damage in affected cattle.³

Viral & Bacterial Vaccines	IBR	BVD Type 1	BVD Type 2	PI ₃	BRSV	<i>Mannheimia haemolytica</i>	<i>Pasteurella multocida</i>	Leptospirosis	Vibriosis
BOVILIS [®] VISTA [®] ONCE SQ	●	●	●	●	●	●	●		
BOVILIS [®] VISTA [®] 5 SQ	●	●	●	●	●				
BOVILIS [®] ONCE [®] PMH IN						●	●		
BOVILIS [®] NASALGEN [®] IP	●			●					
BOVILIS [®] NASALGEN [®] 3	●			●	●				
BOVILIS [®] NASALGEN [®] 3-PMH	●			●	●	●	●		
BOVILIS [®] ONCE PMH SQ						●	●		

BOVILIS[®] Respiratory Vaccines



BOVILIS[®] 2 mL DOSE SQ VISTA[®] ONCE SQ

Shown effective against:

- IBR
- BVD Types 1 & 2
- PI₃
- *Pasteurella multocida*
- BRSV
- *Mannheimia haemolytica*

10 dose UIN: 042978
UPC: 662858905021

50 dose UIN: 006340
UPC: 662858905052

BOVILIS[®] 2 mL DOSE SQ VISTA[®] 5 SQ

Shown effective against:

- IBR
- BRSV
- PI₃
- BVD Types 1 & 2

10 dose UIN: 006331
UPC: 662858904529

50 dose UIN: 006332
UPC: 662858904550

BOVILIS[®] 2 mL DOSE IN ONCE PMH[®] IN

Intranasal Administration

Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose UIN: 117258
UPC: 662858906516

50 dose UIN: 109221
UPC: 662858906554

25x1 dose UIN: 156004
UPC: 662858918410

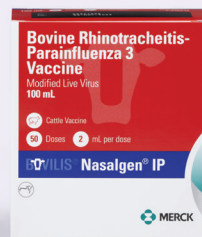
BOVILIS[®] 2 mL DOSE SQ ONCE PMH[®] SQ

Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose UIN: 006337
UPC: 662858905120

50 dose UIN: 006338
UPC: 662858905151



BOVILIS[®] 2 mL DOSE IN NASALGEN[®] 3-PMH

Intranasal Administration

Shown effective against:

- IBR
- BRSV
- PI₃
- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose UIN: 178746
UPC: 662858925517

50 dose UIN: 196971
UPC: 662858925524

25x1 dose UIN: 196306
UPC: 662858925500

BOVILIS[®] 2 mL DOSE IN NASALGEN[®] 3

Intranasal Administration

Shown effective against:

- IBR
- BRSV
- PI₃

10 dose UIN: 180349
UPC: 662858925715

50 dose UIN: 185734
UPC: 662858925722

25x1 dose UIN: 178997
UPC: 662858925708

BOVILIS[®] 2 mL DOSE IN NASALGEN[®] IP

Intranasal Administration

Shown effective against:

- IBR
- PI₃

10 dose UIN: 149730
UPC: 662858022414

50 dose UIN: 065387
UPC: 662858224504

Test Your Knowledge

1. True or False: Use of a broad-spectrum vaccine can prevent permanent lung damage in affected cattle.

- A True
- B False

2. True or False: The most common causes of disease affecting cattle fall into two main categories viral and bacterial.

- A True
- B False

Answer Key: 1: True, 2: True

¹Hairgrove, Tom; Beckham, Tammy; and Banta, Jason. "Understanding Bovine Viral Diarrhea in Beef Herds" Texas A&M AgriLife Extension Library Online. Texas A&M University. <https://agriflifeextension.tamu.edu/library/ranching/understanding-bovine-viral-diarrhea-in-beef-herds/>

²Sprott, L.R. and Wikse, Steve. "Infectious Bovine Rhinotracheitis" Texas A&M AgriLife Extension Library Online. Texas A&M University. <https://agriflifeextension.tamu.edu/library/ranching/infectious-bovine-rhinotracheitis/>

³Irsik, Max – DVM (Beef Cattle Specialist Veterinarian) University of Florida. "Bovine Respiratory Disease Associated with Mannheimia Haemolytica or Pasteurella Multocida" Institute of Food and Agricultural Sciences University of Florida. April 1, 2007. <http://www.thecattlesite.com/articles/954/bovine-respiratory-disease-associated-with-mannheimia-haemolytica-or-pasteurella-multocida>