

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 disease pathogens.

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 Vaccines* | IBR | BVD Type 1 | BVD Type 2 | PI ₃ | BRSV | Mannheimia haemolytica | Pasteurella multocida | Leptospirosis | Vibriosis |
|--|-----|------------|------------|-----------------|------|------------------------|-----------------------|---------------|-----------|
| BOVILIS [®] VISTA [®] ONCE SQ | ● | ● | ● | ● | ● | ● | ● | | |
| BOVILIS [®] ONCE [®] PMH IN | | | | | | ● | ● | | |
| BOVILIS [®] VISTA [®] 5 SQ | ● | ● | ● | ● | ● | | | | |
| BOVILIS [®] VISTA [®] 5 VL5 SQ CFP | ● | ● | ● | ● | ● | | | ● | ● |
| BOVILIS [®] NASALGEN [®] 3 | ● | | | ● | ● | | | | |
| BOVILIS [®] NASALGEN [®] 3-PMH | ● | | | ● | ● | ● | ● | | |
| BOVILIS [®] NASALGEN [®] IP | ● | | | ● | | | | | |
| BOVILIS [®] VISTA [®] BVD CFP | | ● | ● | | | | | | |

*Modified Live Vaccines: All BOVILIS[®] VISTA[®] vaccines are labeled as being safe for use in pregnant heifers and cows or calves nursing pregnant cows provided the cows and heifers in the herd are vaccinated prior to breeding, within the previous 12 months, with any of the modified live IBR and BVD containing vaccine(s) in this product line. Read product label carefully. If cows have not previously been vaccinated with modified-live vaccines consult your veterinarian before use.

BOVILIS[®] Respiratory Vaccines



MINUTE



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

Shown effective against:

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

10 dose UIN: 006331
UPC: 662858904529

50 dose UIN: 006332
UPC: 662858904550



BOVILIS[®] 2 mL DOSE SQ VISTA[®] 5 VL5 SQ CFP

Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1 & 2
- Leptospirosis
- Vibriosis

10 dose UIN: 006341
UPC: 662858904925

50 dose UIN: 006342
UPC: 662858904956



BOVILIS[®] 2 mL DOSE SQ VISTA[®] BVD CFP

Shown effective against:

- BVD Types 1 & 2

10 dose UIN: 391443
UPC: 662858911107

50 dose UIN: 385726
UPC: 62858911114



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 IN NASALGEN[®] 3

Intranasal Administration

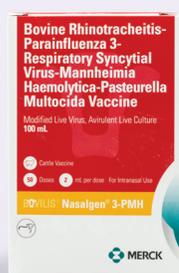
Shown effective against:

- IBR
- PI₃
- BRSV

10 dose UIN: 180349
UPC: 662858925715

50 dose UIN: 185734
UPC: 662858925722

25x1 dose UIN: 178997
UPC: 662858925708



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

Intranasal Administration

Shown effective against:

- IBR
- PI₃
- BRSV
- *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[®] IP

Intranasal Administration

Shown effective against:

- IBR
- PI₃

10 dose UIN: 149730
UPC: 662858022414

50 dose UIN: 065387
UPC: 662858224504

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://agrilifeextension.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://agrilifeextension.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>

