



BOVILIS[®]

Protect the future[™]

The new look of protection.

All cattle vaccines from Merck Animal Health now live under the BOVILIS name. They're the same vaccines you've relied on for years - only with updated names and packaging.

Each product has its own distinct color and is clearly marked, making it easy to ensure the right vaccine is selected at the right time. No matter how you build your protection, efficacy and ease of use are present in every single vaccine.

Vision[®] Vista

Guardian[®] Nasalgen[®]

BOVILIS®

BOVILIS®

RESPIRATORY



BOVILIS® NASALGEN® IP
10-dose | 50-dose
Intranasal Administration
Shown effective against:

- IBR
- PI₃

BOVILIS® NASALGEN® 3
1-dose | 10-dose | 50-dose
Intranasal Administration
Shown effective against:

- IBR
- PI₃
- BRSV

BOVILIS® NASALGEN® 3-PMH
1-dose | 10-dose | 50-dose
Intranasal Administration
Shown effective against:

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

BOVILIS® VISTA® BVD CFP
10-dose | 50-dose
Shown effective against:

- BVD Types 1 & 2

CLOSTRIDIAL/BLACKLEG



BOVILIS® VISION® 8 WITH SPUR®
10-dose | 50-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)

BOVILIS® VISION® 8 SOMNUS WITH SPUR®
10-dose | 50-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *Haemophilus somnus*

BOVILIS® CAVALRY® 9
10-dose | 50-dose | 125-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *C. tetani* (Tetanus)

BOVILIS® COVEXIN® 8
10-dose | 50-dose | 125-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. haemolyticum* (Red Water)
- *C. tetani* (Tetanus)

RESPIRATORY



BOVILIS® VISTA® 5 SQ
10-dose | 50-dose
Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1 & 2

BOVILIS® VISTA® ONCE SQ
10-dose | 50-dose
Shown effective against:

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

BOVILIS® ONCE® PMH SQ
10-dose | 50-dose
Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

BOVILIS® ONCE® PMH IN
10-dose | 50-dose | 25x1-dose
Intranasal Administration
Shown effective against:

- *Pasteurella multocida*
- *Mannheimia haemolytica*

REPRODUCTIVE



BOVILIS® L5 SQ
10-dose | 50-dose
Shown effective against:

- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*

BOVILIS® VL5 SQ
10-dose | 50-dose
Shown effective against:

- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*
- *Campylobacter fetus*

BOVILIS® VISTA® 5 L5 SQ
5-dose | 10-dose | 50-dose
Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1 & 2
- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*

BOVILIS® VISTA® 5 VL5 SQ
10-dose | 50-dose
Shown effective against:

- IBR
- PI₃
- BRSV
- BVD Types 1 & 2
- *Leptospira canicola*
- *L. grippityphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*
- *Campylobacter fetus*

CLOSTRIDIAL/BLACKLEG



BOVILIS® VISION® CD WITH SPUR®
250-dose
Shown effective against:

- *Clostridium perfringens* Types C & D (Enterotoxemia)

BOVILIS® VISION® CD-T WITH SPUR®
50-dose
Shown effective against:

- *Clostridium tetani* (Tetanus)
- *C. perfringens* Types C & D (Enterotoxemia)

BOVILIS® VISION® 7 WITH SPUR®
10-dose | 50-dose | 250-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)

BOVILIS® VISION® 7 SOMNUS WITH SPUR®
10-dose | 50-dose | 250-dose
Shown effective against:

- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)
- *Haemophilus somnus*

MASTITIS



BOVILIS® J-5
50-dose
Shown effective against:

- *Escherichia coli*

SCOURS



BOVILIS® CORONAVIRUS
10-dose | 50-dose | 25x1-dose
Shown effective against:

- Coronavirus

BOVILIS® GUARDIAN®
10-dose | 50-dose
Shown effective against:

- *Escherichia coli*
- *Clostridium perfringens* Types C & D (Enterotoxemia)
- Coronavirus
- Rotavirus

?
Still seeing the original packaging?
No need to worry.
You can rest assured it's effective through its expiration date.

PINKEYE



MORAXELLA BOVOCULI BACTERIN

10-dose | 50-dose

Shown effective against:

- *Moraxella bovoculi* (Pinkeye)



BOVILIS® PILIGUARD® PINKEYE

10-dose | 50-dose

Shown effective against:

- *Moraxella bovis* (Pinkeye)



BOVILIS® PILIGUARD® PINKEYE+7

10-dose | 50-dose

Shown effective against:

- *Moraxella bovis* (Pinkeye)
- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. perfringens* Types C & D (Enterotoxemia)
- *C. sordellii*



BOVILIS® 20/20 VISION® 7 with SPUR®

10-dose | 50-dose

Shown effective against:

- *Moraxella bovis* (Pinkeye)
- *Clostridium chauvoei* (Blackleg)
- *C. septicum* (Malignant edema)
- *C. novyi* (Black disease)
- *C. sordellii*
- *C. perfringens* Types C & D (Enterotoxemia)

Prevention begins with protection. **Protection begins with BOVILIS.**

COMPREHENSIVE:

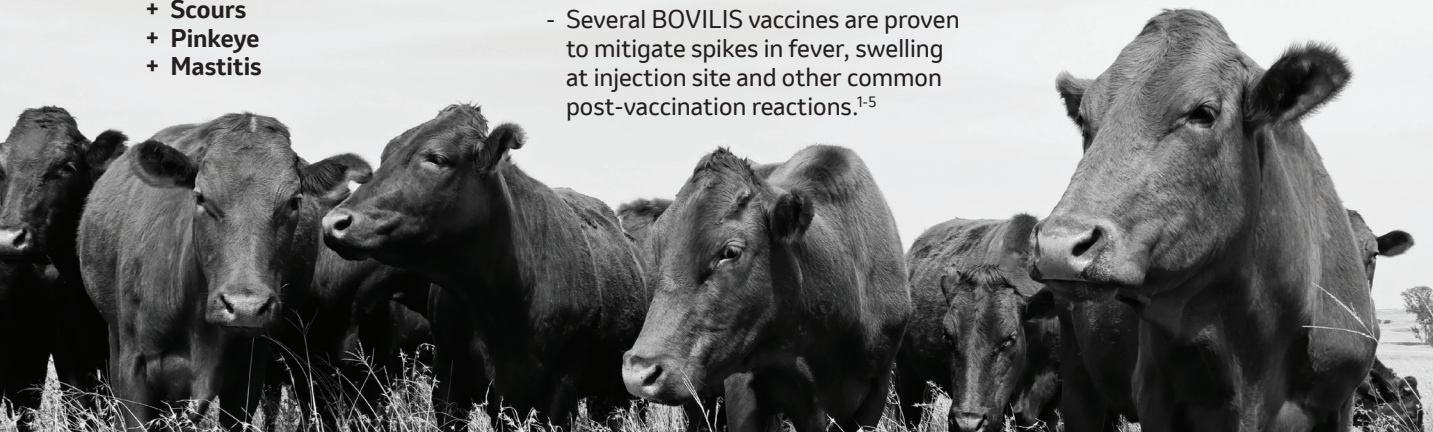
- The BOVILIS line is one of the largest in the industry, offering 27 high-quality vaccines.
- One of the most complete vaccine portfolios, including:
 - + Respiratory
 - + Clostridial
 - + Reproduction
 - + Scours
 - + Pinkeye
 - + Mastitis

INNOVATIVE & CATTLE-FRIENDLY:

- Over the years, Merck Animal Health has pioneered multiple vaccine innovations, including the use of intranasal technology.
 - The BOVILIS vaccine line includes five BQA-friendly intranasal vaccines.
- Merck Animal Health is also focused on minimizing post-vaccination reactions.
 - Several BOVILIS vaccines are proven to mitigate spikes in fever, swelling at injection site and other common post-vaccination reactions.¹⁻⁵

PROVEN:

- Merck Animal Health puts an emphasis on research, publishing a number of studies on congenital BVD protection.
- The BOVILIS® VISTA® vaccine line is extensively researched, with industry-leading data on duration of immunity.^{6,7}



Talk to your veterinarian, sales representative or animal health supplier to learn more.

ChooseBOVILIS.com



MAHCattle.com • 800-521-5767
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¹Effects of Vaccination with Vista® 5L5 SQ or Bovi-Shield GOLD® FP® L5 on Milk Production. 2010.

²Technical Reference 96-4: Evaluation of Injection-Site Blemishes Using Ultrasonography Following Administration of Two Commercial Multivalent Clostridial Vaccines.

³Merck Veterinary Update: Post-Vaccinal Milk Response in Dairy Cows to Three Vaccines for the Control of Neonatal Diarrhea. 2007.

⁴Spire MF. Once PMH IN Endotoxin Load. 2015.

⁵Field Safety Study of a Low-Reactive Clostridium Chauvoei-Septicum-Haemolytica-Novyi-Sordellii-Tetani-Perfringens Types C&D Bacterin-Toxoid (Cavalry 9). APHIS Product Code No. 73400.00. 2005.

⁶Purtle L, Mattick D, Schneider C, Smith L, Xue W, Trigo E. One Year Duration of Immunity of the Modified Live Bovine Viral Diarrhea Virus Type 1 and Type 2 and Bovine Herpesvirus-1 Fractions of Vista® Once SQ Vaccine. Vaccine. 2016;34(13):1582-1588.

⁷Report No. BRL-016R. Duration of Immunity in Calves for the *Pasteurella multocida* Fraction in Bovine Rhinotracheitis-Virus Diarrhea Parainfluenza 3-Respiratory Syncytial Virus - Mannheimia haemolytica *Pasteurella multocida* Vaccine, Modified Live Virus, A Virulent Live Culture. August 23, 2013.