



# Retail Product Guide

*Get MORE from  
Merck Animal Health*



# MORE

Merck Animal Health Official Retail Expert

LIVESTOCK | HORSE | DOG

## Welcome to the MORE Retail Product Guide from Merck Animal Health.

Merck Animal Health is a research-driven company that develops, manufactures and markets a broad range of animal health medicines and services.

Our products and services enable pets and people to enjoy their time together and help keep livestock healthy to ensure a safe, wholesome and affordable food supply.

Our retail partners are critical to our business, and MORE (Merck Animal Health Official Retail Expert) is a collection of tools and services to ensure that partnership is successful.

Learn about MORE at:  
**MoreRetailPower.com**

### Legend

Cattle



Sheep



Goat



Swine



Horse



Dog







## Let's Make the World A Better Place. Let's #BeUnconditional

**COMPASSION** for animal care  
and welfare.

We are devoted and dedicated to animals. They bring us joy and sustain our lives. They make us better humans. With this devotion comes the responsibility to do our very best to ensure they are healthy and are treated humanely and with respect and dignity. From prevention to treatment to housing to handling, what's best for the animal is what's best for us.

**COMMITMENT** to our customers.

We don't just see customers. We see Partners. Friends. Family. Tradition. We understand the overwhelming responsibility it takes to feed the world and the heart it takes to care for the world's pets, because we are a part of that world. Whether it's a veterinarian, a dealer, a producer, a pet owner or anyone that looks after animals, we are committed to supporting their causes and commitments.

*Learn More about the Unconditional  
commitment of Merck Animal Health  
[https://www.merck-animal-health-usa.com/  
responsibility](https://www.merck-animal-health-usa.com/responsibility)*

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# Livestock





*At Merck Animal Health, the science of healthier animals is our way of life. Our passion is boosting customers' potential by improving cattle health, productivity and well-being through innovative science-based solutions.*

*We take our commitment to meeting the distinct needs of customers very seriously. That commitment is what drives us to deliver advanced research, product innovations and superior service. Merck Animal Health is doubling down on our commitment to innovation. We're proud to now include **ALLFLEX® LIVESTOCK INTELLIGENCE™** in our comprehensive portfolio of cattle solutions.*

The MORE (Merck Official Retail Expert) Program from Merck Animal Health is dedicated to offering our partners the resources they need to improve both animal health and the health of their businesses.

Check out **MoreRetailPower.com** for the information and tools that support these goals.



# BOVILIS<sup>®</sup>

Protect the future<sup>™</sup>

*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.

Vision<sup>®</sup> Vista<sup>®</sup> Guardian<sup>®</sup> Nasalgen<sup>®</sup>

For more information,  
visit **ChooseBOVILIS.com**





## 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

## 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.<sup>6,7</sup>

## 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.<sup>1-5</sup>



Still seeing the original packaging?

No need to worry.  
You can rest assured it's effective through its expiration date.



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.

BOVILIS® NASALGEN®

BOVILIS® VISTA®

BOVILIS® CAVALRY®

BOVILIS® PILIGUARD®

BOVILIS® ONCE

BOVILIS® J-5

BOVILIS® VISION®

BOVILIS® GUARDIAN®

<sup>1</sup> Effects of Vaccination with Vista® 5L5 SQ or Bovi-Shield GOLD® FP® L5 on Milk Production. 2010.

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

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

<sup>4</sup> Spire MF. Once PMH IN Endotoxin Load. 2015.

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

<sup>6</sup> Purtle 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.

<sup>7</sup> Report 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.



Respiratory diseases are the most common and costly infections plaguing the North American cattle industry. The comprehensive vaccine lineup from Merck Animal Health can offer your customers the protection they need — for both their herd and profits.



## BOVILIS® VISTA® ONCE SQ 2 mL DOSE SQ

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV
- BVD Types 1 & 2
- *Pasteurella multocida*
- *Mannheimia haemolytica*

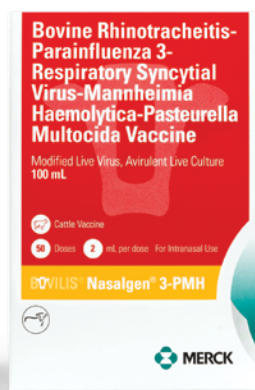
10 dose	UIN: 042978 UPC: 662858905021
50 dose	UIN: 006340 UPC: 662858905052

## BOVILIS® VISTA® 5 SQ 2 mL DOSE SQ

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV
- BVD Types 1 & 2

10 dose	UIN: 006331 UPC: 662858904529
50 dose	UIN: 006332 UPC: 662858904550



2 mL DOSE IN

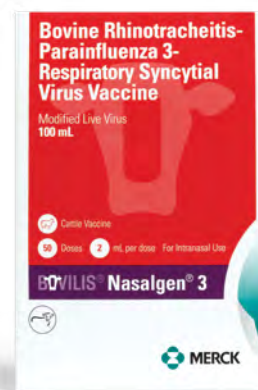
## BOVILIS® NASALGEN® 3-PMH

Intranasal Administration

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV
- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose	UIN: 178746 UPC: 662858925517
50 dose	UIN: 196971 UPC: 662858925524
25x1 dose	UIN: 196306 UPC: 662858925500



2 mL DOSE IN

## BOVILIS® NASALGEN® 3

Intranasal Administration

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV

10 dose	UIN: 180349 UPC: 662858925715
50 dose	UIN: 185734 UPC: 662858925722
25x1 dose	UIN: 178997 UPC: 662858925708





## BOVILIS® ONCE PMH® IN 2 mL DOSE IN

*Intranasal Administration*

**Shown effective against:**

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose	UIN: 117258 UPC: 662858906516
50 dose	UIN: 109221 UPC: 662858906554
25 x 1 dose	UIN: 156004 UPC: 662858918410



## BOVILIS® NASALGEN® IP 2 mL DOSE IN

*Intranasal Administration*

**Shown effective against:**

- IBR
- PI<sub>3</sub>

10 dose	UIN: 149730 UPC: 662858022414
50 dose	UIN: 065387 UPC: 662858224504



## BOVILIS® ONCE PMH® SQ 2 mL DOSE SQ

**Shown effective against:**

- *Pasteurella multocida*
- *Mannheimia haemolytica*

10 dose	UIN: 006337 UPC: 662858905120
50 dose	UIN: 006338 UPC: 662858905151



## BOVILIS® VISTA® BVD CFP 2 mL DOSE SQ

**Shown effective against:**

- BVD Types 1 & 2

10 dose	UIN: 391443 UPC: 662858911107
50 dose	UIN: 385726 UPC: 662858911114

Naturally found in soil and the intestines of cattle, clostridial organisms can cause unexpected mortality to a herd in the form of blackleg and other fatal diseases. Help your customers protect their herd's health and profits with a range of cattle friendly vaccines from Merck Animal Health.



## BOVILIS® VISION® 7 2 mL DOSE SQ WITH SPUR®

Shown effective against:

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

10 dose	UIN: 069130 UPC: 662858219586
50 dose	UIN: 069131 UPC: 662858229585
250 dose	UIN: 069132 UPC: 662858239584



## BOVILIS® VISION® 8 2 mL DOSE SQ WITH SPUR®

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)

10 dose	UIN: 069136 UPC: 662858095920
50 dose	UIN: 069137 UPC: 662858433296



## BOVILIS® VISION® 7 SOMNUS WITH SPUR®

Shown effective against:

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

10 dose	UIN: 069105 UPC: 662858096026
50 dose	UIN: 069106 UPC: 662858023893
250 dose	UIN: 069107 UPC: 662858023992



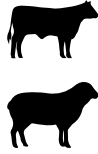
## BOVILIS® VISION® 8 SOMNUS WITH SPUR®

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*

10 dose	UIN: 069117 UPC: 662858096125
50 dose	UIN: 069118 UPC: 662858040197





## BOVILIS® COVEXIN® 8 5 mL DOSE SQ

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)

10 dose UIN: 067697  
UPC: 662858676976  
50 dose UIN: 067696  
UPC: 662858676969

## BOVILIS® CAVALRY® 9 2 mL DOSE SQ

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)

10 dose UIN: 067691  
UPC: 662858676914  
50 dose UIN: 058246  
UPC: 662858582468  
125 dose UIN: 067694  
UPC: 662858676945



## BOVILIS® VISION® CD-T 2 mL DOSE SQ WITH SPUR®

Shown effective against:

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

50 dose UIN: 069096  
UPC: 662858012798

## Scours Vaccines | Livestock

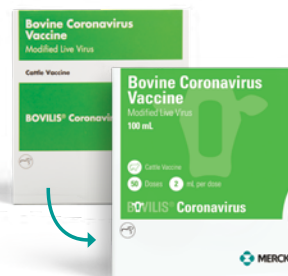


## BOVILIS® GUARDIAN® 2 mL DOSE SQ

Shown effective against:

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

10 dose UIN: 065302  
UPC: 662858180107  
50 dose UIN: 065307  
UPC: 662858180503



## BOVILIS® CORONAVIRUS 2 mL DOSE IN

Intranasal Administration

Shown effective against:

- Coronavirus

10 dose UIN: 151733  
UPC: 662858526813  
50 dose UIN: 150408  
UPC: 662858526820  
25 x 1 dose UIN: 156332  
UPC: 662858526806

Pinkeye is a bacterial infection of the eye that causes pain, stress and weight loss in cattle. If your customer's cattle go blind or develop clouded eyes, their profitability will take an additional hit.



## BOVILIS® PILIGUARD® 5 mL DOSE SQ PINKEYE + 7

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*

10 dose UIN: 065405  
UPC: 662858031119

50 dose UIN: 065406  
UPC: 662858031157



## BOVILIS® PILIGUARD® 2 mL DOSE SQ PINKEYE

Shown effective against:

- *Moraxella bovis* (Pinkeye)

10 dose UIN: 065410  
UPC: 662858029123

50 dose UIN: 143130  
UPC: 662858029147



## BOVILIS® 20/20 VISION® 7 WITH SPUR®

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)

10 dose UIN: 069083  
UPC: 662858097023

50 dose UIN: 069084  
UPC: 662858040593



## MORAXELLA BOVOCULI BACTERIN

Shown effective against:

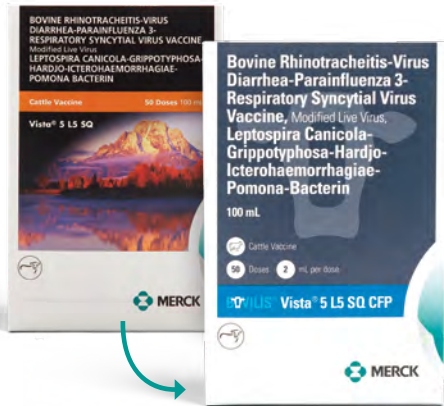
- *Moraxella bovoculi* (Pinkeye)

10 dose UIN: 317164  
UPC: 662858000023

50 dose UIN: 336610  
UPC: 662858000030



Breeding stock and their offspring are critical to the success of your customer's operations. Help them protect both with the reproductive lineup of vaccines from Merck Animal Health.



2 mL DOSE SQ

## BOVILIS® VISTA® 5 L5 SQ CFP

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV
- BVD Types 1 & 2
- *Leptospira canicola*
- *L. grippotyphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*

10 dose UIN: 006344  
UPC: 662858904826

50 dose UIN: 006345  
UPC: 662858904857



2 mL DOSE SQ

## BOVILIS® VISTA® 5 VL5 SQ CFP

Shown effective against:

- IBR
- PI<sub>3</sub>
- BRSV
- BVD Types 1 & 2
- *Leptospira canicola*
- *L. grippotyphosa*
- *L. hardjo*
- *L. icterohaemorrhagiae*
- *L. pomona*
- *Campylobacter fetus*

10 dose UIN: 006341  
UPC: 662858904925

50 dose UIN: 006342  
UPC: 662858904956



2 mL DOSE SQ

## BOVILIS® L5 SQ

Shown effective against:

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

50 dose UIN: 006362  
UPC: 662858902952



2 mL DOSE SQ

## BOVILIS® VL5 SQ

Shown effective against:

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

50 dose UIN: 006363  
UPC: 662858902853

# Cattle Vaccination Plan

ACTIVITY	CATTLE TYPE	CATEGORY OF TREATMENT	MERCK ANIMAL HEALTH PRODUCT
<b>Pre-Calving</b>	Pregnant Cows	Scours	BOVILIS® GUARDIAN®
<b>Calving</b> (One week of age)	Calves	Respiratory	<b>Choose one:</b> BOVILIS® ONCE PMH® IN <b>OR</b> BOVILIS® NASALGEN® 3 PMH
<b>First Working</b> • Branding • Pre-weaning • Weaning  If giving a tetanus vaccine when castrating or banding bull calves, two doses are required prior to banding or castration procedure.	Calves	Respiratory	<b>Choose one:</b> BOVILIS® VISTA® ONCE SQ* <b>OR</b> BOVILIS® NASALGEN® 3 <b>OR</b> BOVILIS® NASALGEN® 3 PMH *For use in calves 3 months of age or older
		Clostridial	<b>Choose one:</b> BOVILIS® VISION® 7/8 <b>OR</b> BOVILIS® VISION® 7/8 SOMNUS
		Clostridial + Tetanus	<b>Choose one:</b> BOVILIS® CAVALRY® 9 <b>OR</b> BOVILIS® COVEXIN® 8
		Pinkeye <i>Spring only Booster or 1st Dose if not given at First Working</i>	<b>Choose one:</b> BOVILIS® PILIGUARD® PINKEYE <b>OR</b> BOVILIS® 20/20 VISION® 7 +/- MORAXELLA BOVOCULI
<b>Second Working</b> 3–6 weeks later or at <b>Weaning</b>	Heifers/Steers	Respiratory Booster	BOVILIS® VISTA® ONCE SQ*
		Clostridial Booster	<b>Choose one:</b> BOVILIS® VISION® 7/8 <b>OR</b> BOVILIS® VISION® 7/8 SOMNUS
		Pinkeye <i>Spring only Booster or 1st Dose if not given at First Working</i>	<b>Choose one:</b> BOVILIS® PILIGUARD® PINKEYE <b>OR</b> BOVILIS® 20/20 VISION® 7 +/- MORAXELLA BOVOCULI
<b>Pre-Breeding</b>	Replacement Heifers/Cows	Respiratory + Lepto + Vibrio	BOVILIS® VISTA® 5 VL5 SQ CFP*

**\*BOVILIS® 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.



*Healthy growing cattle are the key to success in any operation. Implants enable producers to maximize their cattle's weight gain by optimizing their available nutrition.*



## REVALOR®-G WEANED STEER & HEIFER CALVES

(TRENBOLONE ACETATE AND ESTRADIOL)

REVALOR-G is an implant containing 40 mg of trenbolone acetate and 8 mg estradiol. It is intended for use in weaned pasture steers and heifers. REVALOR-G uses a lower hormone dosage, designed for stocker cattle on pasture. The combination of trenbolone acetate and estradiol allows REVALOR-G to provide consistent weight gains across varying forage qualities and weather conditions. Each implant consists of two small yellow pellets, and 10 implants are enclosed in each cartridge.

2x10 dose	UIN: 125191 UPC: 0217840811080	Implant Gun	UIN: 155012
10x10 dose	UIN: 126547 UPC: 00021784811002		

## RALGRO® SUCKLING STEER & HEIFER CALVES

(ZERANOL)

Increases rate of weight gain of suckling beef calves. It also increases the rate of weight gain and improves feed conversion of weaned beef calves, growing beef cattle, feedlot steers and feedlot heifers. The active ingredient zeranol stimulates animal's own natural growth system. Each implant contains three pellets of 12 mg zeranol totaling 36 mg per implant. There are 24 RALGRO implants provided in a cartridge.

1 x 24 dose	UIN: 067089 UPC: 5017363035728	Implant Gun	UIN: 065481 UPC: 300615076019
10 x 24 dose	UIN: 067110 UPC: 5017363035711		

A withdrawal period has not been established for RALGRO and REVALOR in pre-ruminating calves. Do not use in calves to be processed for veal. For complete information, refer to the product label.

## External Parasite Control | **Livestock**

*External parasites — such as lice and flies — present a year-round challenge to cattle and handlers. By controlling these nuisances, producers can increase cattle performance and well-being, and also help reduce the spread of diseases. Because external parasites can vary from operation to operation and by geography, Merck Animal Health provides a variety of external parasite control products to adapt to the needs of the location.*



## ULTRA SABER™ Pour-On Insecticide

1% LAMBDA CYHALOTHRIN, 5% PIPERONYL BUTOXIDE

Pour-on insecticide for beef cattle and calves. Provides fast, long-lasting control of horn flies and lice. Applied in a convenient low-dose application — 10 mL for animals 600 lb. or less, and 15 mL for animals over 600 lb.

900 mL	UIN: 055427 UPC: 300615478011	Pour-On Gun	UIN: 067630 UPC: 021784067638
Gallon	UIN: 055421 UPC: 300615478028		



## ULTRA BOSS® Pour-On Insecticide

5% PERMETHRIN AND 5% PIPERONYL BUTOXIDE

Pour-on insecticide for lactating and non-lactating dairy cattle, beef cattle, calves, sheep, lactating and non-lactating dairy goats and horses (not intended for human consumption).

**Target species for lactating and non-lactating dairy cattle, beef cattle, calves and horse:** lice, horn flies, face flies. Aids in control of horse flies, stable flies, mosquitoes, black flies, and ticks. **Target species for sheep:** sheep keds and lice. **Cattle:** No preslaughter withdrawal. No milk discard.

Quart	UIN: 065590 UPC: 300615260029	Gallon	UIN: 065589 UPC: 300615260012
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## SABER™ Pour-On Insecticide

1% LAMBDA CYHALOTHRIN

Pour-on insecticide for beef cattle & calves. Long-lasting control of horn flies and lice. Applied in a convenient low-dose application — 10 mL for animals 600 lb. or less, and 15 mL for animals over 600 lb.

900 mL

UIN: 065526

UPC: 300615062012

Gallon

UIN: 065537

UPC: 300615062043



## BOSS® Pour-On Insecticide

5% PERMETHRIN

Pour-on insecticide for beef and dairy cattle and sheep. Low-volume dosage. **Cattle:** no preslaughter withdrawal. No milk discard. Apply 3 mL per 100 lb. body weight, up to the 30 mL maximum application limit.

Quart

UIN: 066780

UPC: 300615030011

Gallon

UIN: 066745

UPC: 300615030028



## SYNERGIZED DELICE® Pour-On Insecticide

1% PERMETHRIN, 1% PIPERONYL BUTOXIDE

Controls wide range of insects on livestock and premises. Controls lice, horn flies and face flies on lactating and non-lactating dairy cattle, beef cattle and calves and aids in control of horse flies, stable flies, horse flies, mosquitoes and black flies as well as others.

Gallon

UIN: 065573

UPC: 300615074060



## GRENADE® ER Premise Insecticide

9.7% LAMBDA CYHALOTHRIN

A broad-spectrum premise insecticide for use in, on and around buildings and structures for the control of pests, including on lawns, ornamental trees and shrubs and around residential, institutional, public, commercial, agricultural and industrial buildings; and parks, recreational areas and athletic fields. Microencapsulated for long-lasting control of a wide variety of insects that plague surfaces.

8 oz.

UIN: 065374

UPC: N/A





## DOUBLE BARREL® VP Insecticide Ear Tags

14% PIRIMIPHOS METHYL AND 6.8% LAMBDAHALOTHHRIN

Two active ingredients minimize development of resistance. For up to 5 months' control of horn flies and face flies. Use two tags per head on beef and non-lactating dairy cattle and calves.

20 ear tags per box

UIN: 067807  
UPC: 300615004012



## SABER™ EXTRA Insecticide Ear Tags

10% LAMBDAHALOTHHRIN AND 13% PIPERONYL BUTOXIDE

For up to 5 months' control of horn flies and up to 4 months' control of face flies. Use two tags per head on beef and non-lactating dairy cattle and calves.

20 ear tags per box

UIN: 065505  
UPC: 300615019023



## DOMINATOR® Insecticide Ear Tags

20% PIRIMIPHOS METHYL

For up to 5 months' control of horn flies (including synthetic pyrethroid-resistant horn flies) and as an aid in the control of face flies. Use two tags per head on beef and non-lactating dairy cattle and calves.

20 ear tags per box

UIN: 067783  
UPC: 300615223017



## ATROBAN® 11% EC

11% PERMETHRIN EMULSIFIABLE CONCENTRATE

Emulsifiable concentrate long-lasting insecticidal spray for livestock and their premises. Controls horn flies, face flies, stable flies, house flies, horse flies, black flies, mosquitoes, eye gnats, mites, ticks and lice, and sheep keds. For use in lactating and non-lactating dairy cattle and goats, beef cattle, horses, sheep and swine.

Pint

UIN: 065882  
UPC: 300615055014

Quart

UIN: 065802  
UPC: 300615055021

***Internal parasite control is the cornerstone of an effective animal health program. So when it comes to deworming cattle, you want to be confident that you are recommending a dewormer that is up for the job.***

**safe-guard<sup>®</sup>**  
(fenbendazole)

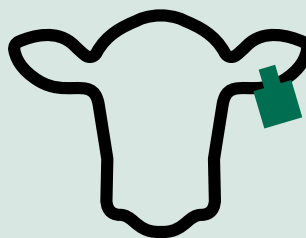
SAFE-GUARD<sup>®</sup> (fenbendazole) features broad-spectrum activity against internal parasites, which threaten herd health, feed intake and performance. Studies show that all formulations of SAFE-GUARD, including paste, drench, blocks, cubes, pellets and free-choice mineral, are effective at keeping cattle clean.

Learn more at: [safe-guardcattle.com](https://safe-guardcattle.com)



### Broad Spectrum Parasite Defense

Because parasites reside in the gut, they get to the nutrients consumed by cattle first. Nutrient “leftovers” are then utilized by the animal. The more parasites, the fewer nutrients left to the animal. SAFE-GUARD, powered by the unique fenbendazole molecule, goes straight to the gut, killing worms in as little as one day versus seven to 14 days for endectocide-based products.<sup>8</sup>



#### EFFECTIVE

*Results prove 98% reduction in fecal egg counts.<sup>9</sup>*



#### FAST-ACTING

*One day vs 7-14 days for competing dewormers.<sup>10</sup>*

<sup>8</sup> Bliss DH. The seasonal efficacy of fenbendazole in a strategic deworming program compared with “long-acting” endectocides given at turnout. Mid-American Ag Research presentation.

<sup>9</sup> Coles, et. al. WAAVP methods for the detection of anthelmintic resistance in nematodes of veterinary importance.

<sup>10</sup> Data on file, Merck Animal Health. Economic analysis of pharmaceutical technologies in modern beef production, John D. Lawrence and Maro A. Ibarburu, Iowa State University, 2007.



*SAFE-GUARD gives Cattle Producers the options they need to deworm cattle efficiently and effectively to fit their operations. SAFE-GUARD handling products are available in drench and paste formulations for use when cattle are being worked through a handling system.*



## SAFE-GUARD® (fenbendazole) Suspension (Drench)<sup>11</sup>

A single application, low-dose volume suspension with easy-to-use applicator gun for accurate, stress-free deworming. One liter deworms 43,478 lb. of cattle; one gallon deworms 164,565 lb. (2.3 mL/100 lb.) of cattle.<sup>11</sup>

Liter	UIN: 069293 UPC: 021784046718
Gallon	UIN: 069292 UPC: 021784467100
10 Liter	UIN: 149872 UPC: 8713184153005
125 mL (goats only) 12 x 125 mL	UIN: 004537 UPC: 021784045377 UPC: 021784004534
Cattle Suspension Dosing Kit	UIN: 124277 UPC: 021784124270
Goat Dosing Syringe	UIN: 006768 UPC: 021784067683

SAFE-GUARD is rolling out updated packaging artwork. Watch for these new eye-catching packages in the coming year.

Still seeing the original packaging?

No need to worry. You can rest assured it's effective through its expiration date.



## SAFE-GUARD® (fenbendazole) Paste<sup>11</sup>

A single application, low-dose volume paste with specially designed metal hook for convenient dosing. To be used only with SAFE-GUARD dosing equipment. Each 290 gm paste cartridge deworms 12,600 lb. of cattle.<sup>11</sup>

290 gm syringe	UIN: 145738 UPC: 021784472296
290 gm Dosing Kit	UIN: 066951 UPC: 021784098502

A single application, low-dose volume paste. Each 92 gm tube deworms 4,000 lb. of cattle.

92 gm syringe	UIN: 066958 UPC: 021784471923
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### CONVENIENT

*Administer Safe-Guard chute-side or in the pasture.*



### PROVEN

*Shown to increase weaning weight by 28.9 lbs. per head.<sup>10</sup>*



<sup>11</sup> IMPORTANT SAFETY INFORMATION: Do not use in beef calves less than 2 months old, dairy calves and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Additionally, the following meat withdrawal and milk discard times apply: Safe-Guard Paste: Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 96 hours. Safe-Guard Suspension: Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 48 hours.

*The SAFE-GUARD® (fenbendazole) feed and mineral products provide multiple non-handling options to fit your operational needs and allow cattle producers to deworm their cattle right in the pasture.*



## SAFE-GUARD® (fenbendazole) Protein Block<sup>12</sup>

Comes in highly palatable, 25 lb. block of SAFE-GUARD 20% protein. One block treats 8,152 lb. (500 lb. of cattle per 1.5 lb.).<sup>13</sup>

25 lb. block

UIN: 069290

UPC: 021784464253

## SAFE-GUARD® (fenbendazole) EN-PRO-AL® Molasses Block<sup>13</sup>

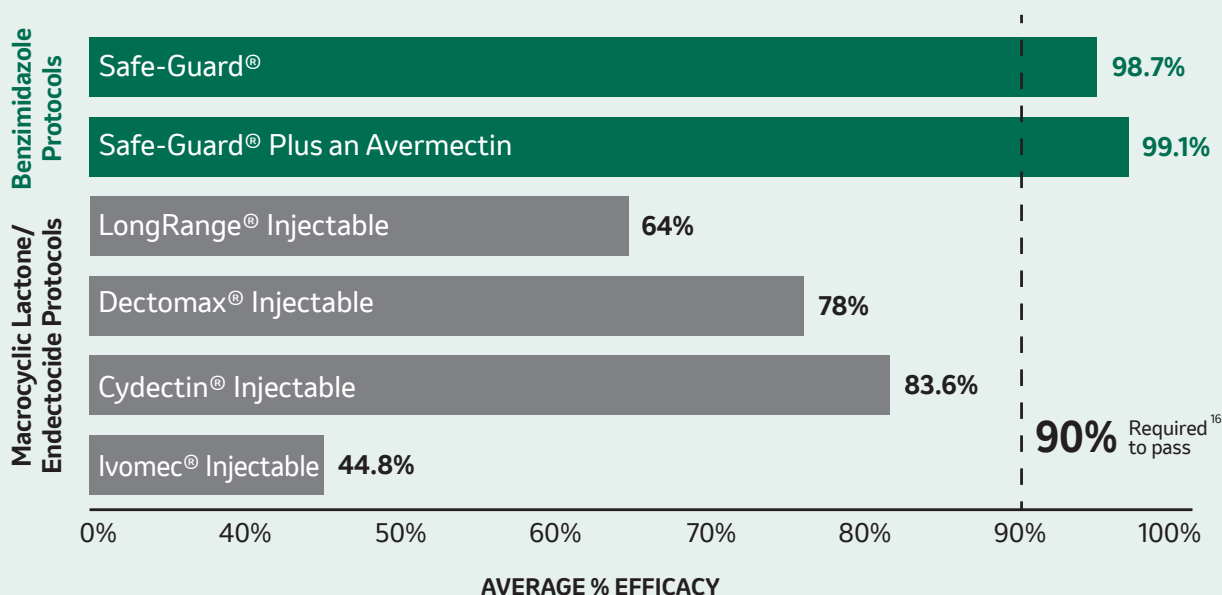
Comes in highly palatable, 25 lb. block of En-Pro-AL soft-poured molasses. One block treats 8,152 lb. (500 lb. of cattle per 1.5 lb.).<sup>14</sup>

25 lb. block

UIN: 069291

UPC: 021784801256

Use of Safe-Guard® exceeds the 90% reduction goal as measured by FECRT testing.<sup>15</sup>



<sup>12</sup>Bliss DH. The seasonal efficacy of fenbendazole in a strategic deworming program compared with "long-acting" endectocides given at turnout.

<sup>13</sup>SAFE-GUARD EN-PRO-AL Molasses Block: RESIDUE WARNING: Cattle must not be slaughtered within 11 days following last treatment.

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

<sup>14</sup>SAFE-GUARD Protein Block: RESIDUE WARNING: Cattle must not be slaughtered within 16 days following last treatment.

A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

<sup>15</sup>Coles, et. al. WAAVP methods for the detection of anthelmintic resistance in nematodes of veterinary importance. *Vet Parasitol.* 1992;44(1-2):35-44.

<sup>16</sup>Reinhardt, et al. A fenbendazole oral drench in addition to an ivermectin pour-on reduces parasite burden and improves feedlot and carcass performance of finishing heifers compared with endectocides alone. *J Anim Sci.* 2006;84(8):2243-2250.



**SAFE-GUARD free-choice mineral products are available in 20- to 50-pound options. Feed over a three- to six-day period. Formulations vary by company so follow label directions for use.**



## SAFE-GUARD® (fenbendazole) Minerals<sup>17</sup>

NutreBeef®, MoorGuard®,  
Vigortone® 32SG & Cargill™ 32SG

SAFE-GUARD free-choice mineral products are available in 20- to 50-pound options. Feed over a three- to six-day period. Formulations vary by company so follow label directions for use.

20-50 lb. pail or bags

UPC: Varies by manufacturer

**SAFE-GUARD is also available in high-quality range cubes used for deworming cattle on pasture or as 0.5% pellets that deworm cattle in a single feeding.**



## SAFE-GUARD® (fenbendazole) Range Cubes<sup>17</sup>

High-quality range cubes used for deworming cattle on pasture. Deworms in a single feeding. Formulations and consumption levels required may vary by company so follow label directions for use.<sup>17</sup> Available through authorized distributors and feed manufacturers.

50 lb. bag

UPC: Varies by manufacturer



## SAFE-GUARD® (fenbendazole) 0.5% Pellets<sup>17</sup>

Palatable pellet or crumble for top-dress feeding or adding to rations available in 1, 5, 10, 25 and 50-pound bags or pails. One pound deworms 1,000 lb. of cattle.<sup>17</sup> 10-pound bag available through Merck Animal Health, and all sizes available through animal health distributors and authorized SAFE-GUARD feed manufacturers — request product medicated with SAFE-GUARD Dewormer.

1 lb. bag

UPC: Varies by manufacturer

5 lb. bag

UPC: Varies by manufacturer

10 lb. bag

UIN: 056698

UPC: 21784068161

UPC: Varies by manufacturer

25 lb. bag

UPC: Varies by manufacturer

50 lb. bag

UPC: Varies by manufacturer

**Contact your animal health distributor, authorized SAFE-GUARD feed manufacturers or Merck Animal Health customer service at 800-521-5767 for assistance in ordering options.**

<sup>17</sup> SAFE-GUARD Mineral, feed through products and liquid feed: RESIDUE WARNING: Cattle must not be slaughtered within 13 days following last treatment. For dairy cattle, the milk discard time is zero hours. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

## ***Bring It All Together with ALLFLEX LIVESTOCK INTELLIGENCE.***

ALLFLEX is the global leader in animal identification and our portfolio of products makes it easy to collect cow herd data to help you form better management decisions for your farm or ranch. Those daily decisions for herd improvement and the Allflex portfolio of products are integral to animal performance, genetics and health records. Together we play a vital role in the global food supply.

At ALLFLEX we're always innovating. Whether it's creating the first permanent laser-ink marking on visual tags so your valuable data doesn't fade away, introducing electronic identification so you can make rapid work of identifying your animals, or creating a faster, cleaner and easier way to collect

DNA samples for genomic improvements with our Tissue Sampling Units, we strive to provide immense value to producers across all segments.

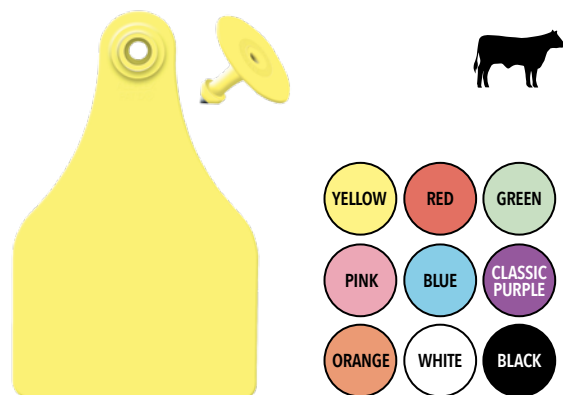
Through our commitment to the Science of Healthier Animals®, we are dedicated to advancing the health and well-being of animals and the people who take care of them. We are excited to take this step forward with ALLFLEX LIVESTOCK INTELLIGENCE as part of the Merck Animal Health portfolio.

Complete product line information available at **[www.allflexusa.com](http://www.allflexusa.com)**





**ALLFLEX LIVESTOCK INTELLIGENCE** offers a wide variety of blank tags plus our custom visual tags, which enable producers to use their own farm or ranch name, brand, logo, or numbering system. The tags come in a variety of colors, sizes, and formats. Our visual tags' shape, weight, and applications are designed by species ensuring optimal application and retention.

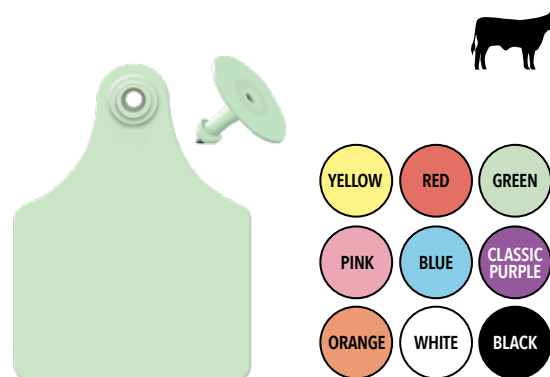


## GLOBAL SUPER MAXI FEMALE

- Used primarily for mature cattle
- Laser-ink management number standard
- Largest panel for management information
- Highly visible from both front and back
- Especially useful in cold climates for animals with longer hair
- Packaged with Global Small Male

Size: 4.625" High x 4" Wide

SKU: GSXF/GSM

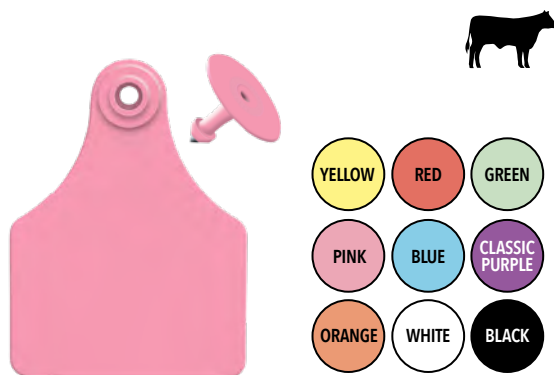


## GLOBAL MAXI FEMALE

- Our most popular size for both mature cattle and calves
- Laser-ink management number standard
- Excellent for beef and dairy cattle
- Packaged with Global Small Male

Size: 4" High x 3" Wide

SKU: GXF/GSM

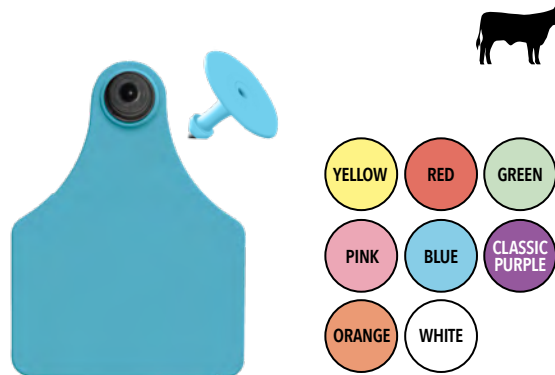


## GLOBAL LARGE FEMALE'

- Used primarily for calves
- Laser-ink management number standard
- For use in beef and dairy cattle
- Packaged with Global Small Male

Size: 3" High x 2.25" Wide

SKU: GLF/GSM



## TAMPERPROOF™ MAXI FEMALE (ULTRA CAP™)

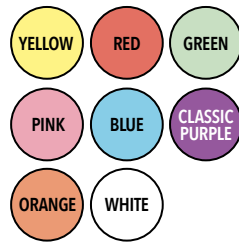
- TAMPERPROOF™ tags are ideal for Official Registration and Certification Programs, as well as Official ID Markets
- ALLFLEX TAMPERPROOF™ Female tags feature either the exclusive Ultra Cap™ or the Rotaclip™ design
- Can be used in combination with any ALLFLEX male tag
- Packaged standard with Global Small Male

Size: 4" High x 3" Wide

SKU: GTXF/GSM

ALLFLEX Global Tags are packaged standard in sets of 25 — blank or numbered sequentially. Other tag combinations are available upon request. BLACK tags available in Super Maxi, Maxi, and Large Female only. Black tags are laser marked with white characters. CLASSIC PURPLE available in Maxi and Large Female only.

Patented ALLFLEX TAMPERPROOF™ ear tags offer the foremost security in livestock identification and management.

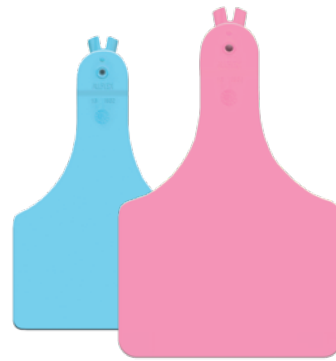


## TAMPERPROOF™ LARGE FEMALE (ULTRA CAP™)

- TAMPERPROOF™ tags are ideal for Official Registration and Certification Programs, as well as Official ID Markets
- ALLFLEX TAMPERPROOF™ Female tags feature either the exclusive Ultra Cap™ or the Rotaclip™ design
- Can be used in combination with any ALLFLEX male tag
- Packaged standard with Global Small Male

Size: 3" High x 2.25" Wide

SKU: GTLF/GSM



One-piece self-piercing tip

## ATAG™ ONE-PIECE TAG

- Quality materials and construction in new, one-piece tag
- Two convenient sizes
- Patented laser-ink permanent marking
- Custom marking and numbering available by special order
- Easy one-piece application
- Black ATAGS™ are laser marked with white characters

Cow: 4.5" High x 3" Wide

SKU: ATAGX

Calf: 3.875" High x 2.5" Wide

SKU: ATAG



## UNIVERSAL TOTAL TAGGER

- A must for applying ALLFLEX 2-piece Global Tags
- Also use to apply ALLFLEX TAMPERPROOF™ and EID Tags and most major brands of insecticide Tags
- Deep jaw makes proper placement easier
- Grip is designed to ease hand fatigue from repeated use
- Replacement applicator pin located in handle
- Black Clip Included

Universal Total Tagger

SKU: APP-UTT

Universal Total Tagger Black Insert

SKU: CLIP-UTT-K

Universal Total Tagger Pin (Red Blunt)

SKU: PIN-UTT

Universal Total Tagger Pin (Blue Blunt)

SKU: PIN-PT



## UNIVERSAL TOTAL TAGGER + (WITH FLIP-PIN FEATURE)

- If animal pulls away during application the pin will flip forward
- Will apply all varieties of ALLFLEX 2-Piece Global Tags
- Deep Jaw makes proper placement easier
- Grip is designed to ease hand fatigue from repeated use
- Replacement applicator pin located in handle

Universal Total Tagger +

SKU: APP-UTT-PLUS

Universal Total Tagger + Pin

SKU: PIN-UTT-PLUS



## ATAG™ ONE-PIECE APPLICATOR

- For use with ATAG™ One-Piece Tag
- Deep jaw makes proper placement easier
- Grip is designed to ease hand fatigue from repeated use
- Replacement applicator pin located in handle

One-Piece Applicator

SKU: APP-ATAG

One-Piece Applicator Pin

SKU: PIN-ATAG





REPLACEMENT  
PARTS AVAILABLE

## ALLFLEX® 50MR2

ADJUSTABLE DOSAGE FROM 1ML TO 5ML

- Accurately delivers selected dose
- Easy grip for high volume use
- Barrel and needle attachment are full autoclavable
- Streamlined design with fewer replacement parts
- Amber-colored barrel reduces UV sunlight exposure
- Color Knob Pack available to differentiate between medications

Cattle Dosing Syringe

SKU: 50MR2



REPLACEMENT  
PARTS AVAILABLE

## ALLFLEX® 25MR2

ADJUSTABLE DOSAGE FROM .5ML TO 2.5ML

- Accurately delivers selected dose
- Easy grip for high volume use
- Barrel and needle attachment are full autoclavable
- Streamlined design with fewer replacement parts
- Amber-colored barrel reduces UV sunlight exposure
- Color Knob Pack available to differentiate between medications

Cattle Dosing Syringe

SKU: 25MR2



## ALLFLEX® SAFETY EAR TAG REMOVAL TOOL

- Hook blade design slips easily between base of male tag and animal's ear
- Safety hook design marks tool safe for both livestock producer and animal

Ear Tag Removal Tool

SKU: KNIFE



## ALLFLEX® 2-IN-1 MARKING PENS

- One pen with two marking tips (fine and broad)
- Easy-to-hold and easy-to-use pump action
- Fade resistant black or white ink
- Specially formulated for use on ALLFLEX Ear Tags

Black Ink Marking Pen  
White Ink Marking Pen

SKU: PEN  
SKU: PEN-WHITE





# Horse





*Merck Animal Health offers innovative products to treat and prevent diseases of the horse. Anchored by brands that horse owners and caretakers have trusted for decades, our product portfolio is one of the most extensive in the industry, delivering millions of doses of preventive and therapeutic care to improve the health of the horse.*

The MORE (Merck Official Retail Expert) Program from Merck Animal Health is dedicated to offering our partners the resources they need to improve both animal health and the health of their businesses.

Check out **MoreRetailPower.com** for the information and tools that support these goals.



*The PRESTIGE® line of equine vaccines delivers industry-leading technology and includes inactivated influenza-containing vaccines with the most current influenza strains available.*

*No other company provides a broader range of influenza protection than Merck Animal Health.*

For more information, visit **PrestigeVaccines.com**

# PRESTIGE®

- ✓ **Flexibility by Design**  
Multiple antigen combinations make creating custom programs easy
- ✓ **Proven Safety and Efficacy**  
Shown to be 98% reaction-free in field safety trials<sup>21</sup>
- ✓ **People and Programs That Make a Difference**  
Merck Animal Health industry support and dedication to equine welfare included in every dose



**Delivering protection  
that matters to you  
and your customers.**

**Only PRESTIGE® vaccines feature Florida '13 – a current, highly pathogenic strain isolated through the Merck Animal Health Respiratory Biosurveillance Program.**

**Florida '13 is the most current Clade 1 strain available in a U.S. commercial inactivated vaccine.<sup>18</sup>**



#### UPDATED INFLUENZA STRAINS INCLUDE:

##### ✓ **Florida '13 Clade 1:**

Based on a highly pathogenic isolate from the 2013 Ocala, Florida influenza outbreak that impacted hundreds of horses. **Florida '13 was exclusively identified and isolated through the Merck Animal Health Biosurveillance Program.**

**FLORIDA  
'13**

##### ✓ **Richmond '07 Clade 2:**

Meets World Organisation for Animal Health (OIE) and American Association of Equine Practitioners (AAEP) guidelines for Clade 2 influenza protection.

**RICHMOND  
'07**

#### IN ADDITION TO:

##### ✓ **Kentucky '02:**

Influenza strain maintained from previous vaccine line.

**KENTUCKY  
'02**

**A vaccine can never be too safe.**

**PRESTIGE® vaccines feature our proprietary Antigen Purification System™ (APS) and the exclusive HAVLOGEN® Adjuvant**

The result is a line of killed virus vaccines that are highly efficacious with an exceptional safety profile — shown to be **98% reaction-free in field safety trials.<sup>19</sup>**

**This is the Science of  
Healthier Animals working  
for you — identifying threats  
and delivering advanced  
vaccine solutions to  
improve the lives of horses.**

<sup>18</sup> Comparison of U.S. commercial inactivated influenza vaccine strains, per respective manufacturer's labels. October 2019.

<sup>19</sup> Data on file. Merck Animal Health.



## Demand the PRESTIGE® Vaccine Line for its Core to Risk-Based<sup>20,21</sup> Spectrum of Protection.



UPDATED  
FLU  
STRAINS

### PRESTIGE® 5 + WNV ENCEPHALOMYELITIS - RHINOPNEUMONITIS - INFLUENZA - WEST NILE VIRUS VACCINE

EASTERN & WESTERN, KILLED VIRUS,  
KILLED FLAVIVIRUS CHIMERA  
TETANUS TOXOID

This product has been shown effective for the vaccination of healthy horses six months of age or older against Eastern & Western encephalomyelitis (EEE and WEE) viruses, equine influenza virus (EIV), equine herpesvirus type 1 (EHV-1), equine herpesvirus type 4 (EHV-4), tetanus and West Nile Virus. Duration of immunity has been shown at 6 months for EIV. Duration of immunity for Eastern & Western encephalomyelitis viruses, EHV-1, EHV-4, tetanus and West Nile Virus has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against virus shedding of EIV, EHV-1 and EHV-4, and encephalitis and viremia caused by West Nile Virus.

1 mL Syringe  
10 x 1 mL Syringe

1 x 10 mL Bottle

UIN: 192936  
UPC: 662858966657  
UPC: 662858966633

UIN: 182299  
UPC: 662858966626



UPDATED  
FLU  
STRAINS

### PRESTIGE® 5 ENCEPHALOMYELITIS - RHINOPNEUMONITIS - INFLUENZA VACCINE

EASTERN & WESTERN, KILLED VIRUS  
TETANUS TOXOID

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against Eastern & Western encephalomyelitis viruses, EIV, EHV-1, EHV-4 and tetanus. Duration of immunity has been shown at six months for EIV. Duration of immunity for Eastern & Western Encephalomyelitis Viruses, EHV-1, EHV-4 and tetanus has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against virus shedding of EIV and EHV-1.

1 mL Syringe  
10 x 1 mL Syringe  
1 x 10 mL Bottle

UIN: 180363  
UPC: 662858099935  
UPC: 662858099928

UIN: 180791  
UPC: 662858099911



UPDATED  
FLU  
STRAINS

### PRESTIGE® 4 ENCEPHALOMYELITIS - INFLUENZA VACCINE

EASTERN & WESTERN, KILLED VIRUS  
TETANUS TOXOID

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against Eastern & Western encephalomyelitis viruses, EIV and tetanus. Duration of immunity has been shown at six months for EIV. Duration of immunity has not been established for Eastern & Western Encephalomyelitis and Tetanus. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against virus shedding of EIV.

1 mL Syringe  
10 x 1 mL Syringe  
1 x 10 mL Bottle

UIN: 183130  
UPC: 662858903287  
UPC: 662858903270

UIN: 188726  
UPC: 662858903263



### PRESTIGE® 3 + WNV ENCEPHALOMYELITIS - WEST NILE VIRUS VACCINE

EASTERN & WESTERN, KILLED VIRUS, KILLED FLAVIVIRUS CHIMERA  
TETANUS TOXOID

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against Eastern & Western encephalomyelitis viruses, tetanus and West Nile Virus. Duration of immunity has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against encephalitis and viremia caused by West Nile Virus.

1 mL Syringe  
10 x 1 mL Syringe

1 x 10 mL Bottle

UIN: 197924  
UPC: 662858966831  
UPC: 662858966848

UIN: 193718  
UPC: 662858966824



### PRESTIGE® 3 ENCEPHALOMYELITIS VACCINE

EASTERN AND WESTERN, KILLED VIRUS  
TETANUS TOXOID

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against Eastern & Western encephalomyelitis viruses and tetanus. Duration of immunity has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

1 mL Syringe  
10 x 1 mL Syringe

1 x 10 mL Bottle

UIN: 188847  
UPC: 662858066821  
UPC: 662858066838

UIN: 189679  
UPC: 662858066814



UPDATED  
FLU  
STRAINS

### PRESTIGE® 2 EQUINE RHINOPNEUMONITIS - INFLUENZA VACCINE

KILLED VIRUS

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against EIV, EHV-1 and EHV-4. Duration of immunity has been shown at six months for EIV. Duration of immunity for EHV-1 and EHV-4 has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against virus shedding of EIV and EHV-1.

1 mL Syringe  
10 x 1 mL Syringe

1 x 10 mL Bottle

UIN: 196595  
UPC: 662858099881  
UPC: 662858099874

UIN: 192092  
UPC: 662858099867



For years, horse owners have trusted our safe and effective line of equine vaccines as part of their veterinarians' recommended total healthcare program for their horses. Our products earn high marks for consistent quality, effectiveness and reliability.



### PRESTIGE® WN

WEST NILE VIRUS VACCINE

KILLED FLAVIVIRUS CHIMERA

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against West Nile Virus. Duration of immunity has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov). This product has been shown to be effective against encephalitis and viremia caused by West Nile Virus.

1 mL Syringe  
10 x 1 mL Syringe  
1 x 10 mL Bottle

UIN: 182544  
UPC: 662858968675  
UPC: 662858968682

UIN: 193718  
UPC: 662858968620



### PRESTIGE® TETANUS

TETANUS TOXOID

This product has been shown to be effective for the vaccination of healthy horses, cattle, swine and sheep six months of age or older against tetanus.

1 mL Syringe  
10 x 1 mL Syringe

UIN: 187765  
UPC: 662858069617  
UPC: 662858069624



### PRESTIGE® PRODIGY®

EQUINE RHINOPNEUMONITIS VACCINE

KILLED VIRUS

This product has been shown to be effective for the vaccination of healthy horses six months of age or older against abortion and respiratory disease caused by EHV-1. Duration of immunity has not been established. For more information regarding safety and efficacy data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

2 mL Syringe  
10 x 2 mL Syringe  
1 x 20 mL Bottle

UIN: 191012  
UPC: 662858066524  
UPC: 662858066531

UIN: 194520  
UPC: 662858066517

Merck Animal Health Vaccines	EEE/WEE	Tetanus	WNV	Influenza	EHV-1/EHV-4	EHV-1/Abortion
PRESTIGE® 5 + WNV	●	●	●	●	●	
PRESTIGE® 5	●	●		●	●	
PRESTIGE® 4	●	●		●		
PRESTIGE® 3 + WNV	●	●	●			
PRESTIGE® 3	●	●				
PRESTIGE® 2				●	●	
PRESTIGE® WNV			●			
PRESTIGE® PRODIGY®						●
PRESTIGE® TETANUS		●				

# Horse Vaccination Plan

RISK LEVEL	DISEASES OF CONCERN	MERCK ANIMAL HEALTH PRODUCT OPTIONS
<b>Low Risk</b> <ul style="list-style-type: none"> <li>• Include Core Vaccines.<sup>22</sup></li> <li>• Vaccinate annually prior to mosquito season.*</li> </ul>	<ul style="list-style-type: none"> <li>• EEE</li> <li>• WEE</li> <li>• Tetanus</li> <li>• West Nile Virus</li> <li>• Rabies*</li> </ul>	<b>PRESTIGE® 3 + WNV</b> <b>OR</b> <b>PRESTIGE® 3 AND PRESTIGE® WNV</b> *Contact your veterinarian
<b>High Risk</b> <ul style="list-style-type: none"> <li>• Include Core Vaccines and Risk-based<sup>1,2</sup> Vaccines according to need.</li> <li>• Vaccinate annually prior to mosquito season.*</li> <li>• Evaluate risk-based vaccine needs.</li> </ul>	<ul style="list-style-type: none"> <li>• EEE</li> <li>• WEE</li> <li>• Tetanus</li> <li>• West Nile Virus</li> <li>• Influenza</li> <li>• Rhino (EHV-1/4)</li> <li>• Rabies*</li> </ul>	<b>PRESTIGE® 5 AND PRESTIGE® WNV</b> <b>OR</b> <b>PRESTIGE® 5 + WNV</b> *Contact your veterinarian
<b>Breeding</b>		
<b>Pre-Breeding</b> Be sure Core and Risk-based <sup>22,23</sup> vaccines are up to date.	See Disease of Concern for High Risk horses above	See Product Options for High Risk horses above
<b>Pregnant Mare</b> <ul style="list-style-type: none"> <li>• Include a vaccine labeled as effective against abortion. Administer during 5th, 7th and 9th months of pregnancy.</li> </ul>	<ul style="list-style-type: none"> <li>• EHV-1, which can cause abortions</li> </ul>	<b>PRESTIGE® PRODIGY®</b>
<ul style="list-style-type: none"> <li>• Include Core and Risk-based<sup>22,23</sup> vaccines 4–6 weeks prior to foaling to boost maternal antibodies.</li> </ul>	<ul style="list-style-type: none"> <li>• See Diseases of Concern for High Risk horses above</li> </ul>	See Product Options for High Risk horses above
<b>Foal</b> Vaccine needs and timing vary based on factors such as age, risk level and vaccination history of mare.	Core and Risk-based diseases as needed	Consult your veterinarian for a foal vaccination plan

\*Contact your veterinarian

Deworming your horse is easier when you can choose the delivery method that works best for you and your horse. Fenbendazole is the only horse dewormer that comes in so many forms and sizes, yet is effective against the most common intestinal parasites of the horse. To learn more visit [www.merck-animal-health-equine.com](http://www.merck-animal-health-equine.com)



## PANACUR® (fenbendazole) Paste

PANACUR Paste 10% is indicated for the treatment and control of large strongyles (*Strongylus edentatus*, *S. equinus*, *S. vulgaris*), encysted early 3rd stage (hyobiotic), late 3rd stage and 4th stage cyathostome larvae, small strongyles, pinworms (*Oxyuris equi*), ascarids (*Parascaris equorum*), and for the control of arteritis caused by 4th stage larvae of *Strongylus vulgaris* in horses.

25 gm syringe UIN: 069273  
UPC: 021784471121

12x25 gm syringe UPC: 021784047111

PANACUR and SAFE-GUARD are rolling out updated packaging artwork. Watch for these new eye-catching packages in the coming year.

Still seeing the original packaging?

No need to worry. You can rest assured it's effective through its expiration date.



## PANACUR® (fenbendazole) POWERPAC

PANACUR Paste 10% is indicated for the treatment and control of large strongyles (*Strongylus edentatus*, *S. equinus*, *S. vulgaris*), encysted early 3rd stage (hyobiotic), late 3rd stage and 4th stage cyathostome larvae, small strongyles, pinworms (*Oxyuris equi*), ascarids (*Parascaris equorum*), and for the control of arteritis caused by 4th stage larvae of *Strongylus vulgaris* in horses.

PANACUR (fenbendazole) Paste 10% Equine Dewormer is supplied in 57 gram, 5 per carton, syringes.

5x57 gm syringe UPC: 021784471572



## SAFE-GUARD® (fenbendazole) Paste

For the treatment and control of large strongyles (*Strongylus edentatus*, *S. equinus*, *S. vulgaris*), encysted early 3rd stage (hypobiotic), late 3rd stage and 4th stage cyathostome larvae, small strongyles, pinworms (*Oxyuris equi*), ascarids (*Parascaris equorum*), and for the control of arteritis caused by 4th stage larvae of *Strongylus vulgaris* in horses. For oral use in all horses, foals and ponies.

25 gm syringe UPC: 021784471251

12 x 25 gm syringe UIN: 064832  
UPC: 021784047128

36 x 25 gm syringe UIN: 003468  
UPC: 021784471367

92 gm syringe UIN: 066958  
UPC: 021784471923



## SAFE-GUARD® (fenbendazole) EQUI-BITS®

SAFE-GUARD (fenbendazole) EQUI-BITS is indicated for the control of large strongyles (*Strongylus edentatus*, *S. equinus*, *S. vulgaris*, *Triodontophorus* spp.), small strongyles (*Cyathostomum* spp., *Cylicocyclus* spp., *Cylicostephanus* spp.), pinworms (*Oxyuris equi*), and ascarids (*Parascaris equorum*).

1.25 lb bag UIN: 004681  
UPC: 021784046817

### IMPORTANT SAFETY INFORMATION:

Consult your local veterinarian for assistance in the diagnosis, treatment and control of parasitism.


Do not use in horses intended for human consumption. When using PANACUR® (fenbendazole) Paste 10%, SAFE-GUARD® (fenbendazole) Paste 10%, or SAFE-GUARD® (fenbendazole) EQUI-BITS® concomitantly with trichlorfon, refer to the manufacturer's labels for use and cautions for trichlorfon.





# Dog





*The dogs we love are more than our companions, they're our partner in an outdoor lifestyle. The more time dogs spend outside, the greater the risk of infection. Learning about canine parasites can help you protect dogs, their owners, their families, and the environment.*

The MORE (Merck Official Retail Expert) Program from Merck Animal Health is dedicated to offering our partners the resources they need to improve both animal health and the health of their businesses.

Check out **MoreRetailPower.com** to learn more about our products and get access to the information and tools that support these goals.



*Dogs are happiest when they're outside.  
SAFE-GUARD® (fenbendazole) is a proven  
effective way to keep them protected on the inside.  
SAFE-GUARD treats the four major intestinal worm  
types common to the indoor and outdoor dog.*

Learn more at: [safe-guard.com](http://safe-guard.com)



*Scan code to see this  
merchandising unit and  
other retail solutions that  
can help you increase sales.*



For more information,  
visit [MoreRetailPower.com](http://MoreRetailPower.com)





**SAFE-GUARD® (fenbendazole) Canine Dewormer** treats six species of the four major intestinal worm types common to the outdoor dog with only one compound, fenbendazole. Dog owners can treat more with less, minimizing their dog's chemical exposure. **SAFE-GUARD** is safe for puppies six weeks of age or older and pregnant females as well as adult dogs of all breeds. So it's never too early or too late to start.



## SAFE-GUARD® Canine Dewormer 1 gram

Fenbendazole 22.2% canine dewormer.

1 gm  
Single box  
Display Box (8 boxes)  
UIN: 034906  
UPC: 021784470124  
UPC: 021784349062

## SAFE-GUARD® Canine Dewormer 2 gram

Fenbendazole 22.2% canine dewormer.

2 gm  
Single Box  
Display Box (8 boxes)  
UIN: 033576  
UPC: 021784470223  
UPC: 021784423052

## SAFE-GUARD® Canine Dewormer 4 gram

Fenbendazole 22.2% canine dewormer.

4 gm  
Single Box  
Display Box (8 boxes)  
UIN: 040694  
UPC: 021784470421  
UPC: 021784421652

For the treatment and control of Roundworms (*Toxocara canis*, *Toxascaris leonina*), Hookworms (*Ancylostoma caninum*, *Uncinaria stenocephala*), Tapeworms (*Taenia pisiformis*), and Whipworms (*Trichuris vulpis*)

## CANINE DEWORMER COMPARISON CHART

BRAND ►	safe-guard® (fenbendazole)	Quad Dewormer Chewable Tablets for Dogs	Triple Wormer D-Worm Triple Wormer® WormX Plus®	D-Worm™ Tablets Nemex®-2 WormX®	D-Worm™	Tapeworm Dewormer
COMPOUND ►	FENBENDAZOLE	Praziquantel / Pyrantel Pamoate / Febantel	Pyrantel Pamoate / Praziquantel	Pyrantel Pamoate	Piperazine	Praziquantel
PARASITE	ROUNDWORM	✓	✓	✓	✓	
	HOOKWORM	✓	✓	✓		
	TAPEWORM	✓	✓			✓
	WHIPWORM	✓	✓			

All trademarks are property of their respective owners.

**IMPORTANT SAFETY INFORMATION:** Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

Approximately 1% of dogs had vomiting associated with the use of this product. **SAFE-GUARD®** Canine Dewormer has no known drug interactions and is an ideal complement to monthly heartworm prevention products, which may not protect against all four major types of intestinal worms.

For more information, visit [SAFE-GUARD-for-dogs.com](http://SAFE-GUARD-for-dogs.com)

## Provide your dog with effective flea and tick control.

Ticks, and the disease organisms they carry, including Lyme disease, are found all over the United States. These diseases can affect not only your pet, but everyone in your household. ACTIVYL® Protector Band for Dogs uses proven flea and tick control for killing power.

For more information, visit [us.activyl.com](https://us.activyl.com)

**activyl®**  
PROTECTOR BAND FOR DOGS



### ACTIVYL® Protector Band for Dogs

Provides up to 6 months' protection against fleas and ticks.

One size fits all  
1 Collar  
Display Carton (6 collars)

UIN: 188779  
UPC: 8713184157881  
UPC: 8713184157898



### LONG-LASTING

Tick and flea protection for up to 6 months.<sup>24</sup>



### WATER-RESISTANT

Remains effective for up to 6 months, wet or dry.<sup>25</sup>



### ADJUSTABLE

One size fits all dogs.<sup>24</sup>



### MORE PROTECTION

Repels mosquitoes and kills 5 species of ticks.<sup>25</sup>

<sup>24</sup> Activyl Protector Band [product label], Madison, NJ: Merck Animal Health.

<sup>25</sup> Data on file. Merck Animal Health.



# Put **MORE** Solutions in Your Store

From campaigns to in-store merchandising, the **MoreRetailPower.com** has the solutions you need to sell the products customers want.

## **MORE** Products

Whether you're looking for digital assets and advertising for your website or ordering information for your store, every product detail is available.



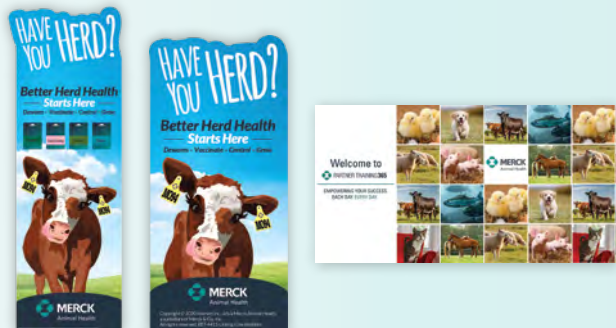
## **MORE** Programs

Your customers want the products they need to protect their animals no matter the season. We have the programs to get you and your customers great deals year-round.



## **MORE** Solutions

The training and merchandising solutions you need to sell the products you stock.





For more information, contact your **Merck Animal Health Retail Representative** or call **800-521-5767**.

You can also reach the **Merck Animal Health Retail Team** at **RetailTeam@merck.com**

The Science of  
Healthier Animals

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