



**Preconditioning programs for  
healthier, higher-value calves**




**MERCK**  
Animal Health

# Preconditioned to Perform

Proper preconditioning improves the efficiency and performance of calves, from the ranch to the feedyard. And that's why Bovilis® PrimeVAC™ by Merck Animal Health gives you a marketing edge. You can count on PrimeVAC preconditioning programs for healthier, higher-value calves that help you take advantage of value-added premiums.

Find the program that's right for your operation using trusted, reliable Merck Animal Health products. Talk to your veterinarian or Merck Animal Health representative about using PrimeVAC certification.

  
**PrimeVAC CERTIFIED**

Ranch Name: \_\_\_\_\_ Address: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ City: \_\_\_\_\_  
Telephone: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Email: \_\_\_\_\_  
No. of Head: \_\_\_\_\_ Breed: \_\_\_\_\_  
Gender:  Steer  Heifer  Mixed BQA Certification Number: \_\_\_\_\_

The calves listed on this certificate have completed the health requirements for the following Merck Animal Health preconditioning program.


<p><b>PROGRAM</b></p> <p><input type="checkbox"/> PrimeVAC 24 <input type="checkbox"/> PrimeVAC 34 <input type="checkbox"/> PrimeVAC 45 <input type="checkbox"/> PrimeVAC Heifer</p>	<p><b>PROTECTION</b></p> <p><b>Respiratory</b></p> <p><input type="checkbox"/> Bovilis® Vistar® Once SQ <input type="checkbox"/> Bovilis® Vistar® 5 SQ <input type="checkbox"/> Bovilis® Vistar® BVD CFP <input type="checkbox"/> Bovilis® Once PMV® IN <input type="checkbox"/> Bovilis® Once PMV® SQ <input type="checkbox"/> Bovilis® Nasalgen® 3 <input type="checkbox"/> Bovilis® Nasalgen® 3-PMH</p> <p><b>Blackleg</b></p> <p><input type="checkbox"/> Bovilis® Vistar® 7 <input type="checkbox"/> Bovilis® Vistar® 7 Somnus <input type="checkbox"/> Bovilis® Vistar® 8 <input type="checkbox"/> Bovilis® Vistar® 8 Somnus <input type="checkbox"/> Bovilis® 20/20 Vistar® <input type="checkbox"/> Bovilis® Coxevax® 8 <input type="checkbox"/> Bovilis® Cavalry® 9</p>	<p><b>RECOMMENDED</b></p> <p><b>Internal Parasite</b></p> <p><input type="checkbox"/> Panacur® <input type="checkbox"/> Safe-Guard®</p> <p><b>External Parasite</b></p> <p><input type="checkbox"/> Ultra Boss® Pour-On <input type="checkbox"/> Ultra Saber® Pour-On</p> <p><b>Implants</b></p> <p><input type="checkbox"/> Ralgro® <input type="checkbox"/> Revalor®-G</p> <p><b>Pinkeye</b></p> <p><input type="checkbox"/> Bovilis® PiliGuard® Pinkeye <input type="checkbox"/> Bovilis® 20/20 Vistar® 7 with Spur®</p> <p><b>Reproductive</b></p> <p><input type="checkbox"/> Bovilis® Vistar® BVD CFP SQ <input type="checkbox"/> Bovilis® Vistar® 5 L5 <input type="checkbox"/> Bovilis® Vistar® 5 VL5</p>
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**Certified by:**  
Owner Name: \_\_\_\_\_  
Owner Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

**Certified by:**  
Veterinarian Name: \_\_\_\_\_  
Veterinarian Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

This certificate is provided only as a service to the producer, person or entity whose name appears on the face hereof ("Owner/Manager"). All information is derived from data supplied by the Owner/Manager, who is solely responsible for its accuracy and use. Merck Animal Health makes no warranties, express or implied, regarding the accuracy, adequacy, completeness, reliability, usefulness, or legality of any information. Such information is provided "as is", and should be verified by the user before relying upon it for any purpose.

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US-NA-21000009



Always consult your veterinarian concerning: best health management decisions specific to your operation, selection of qualified USDA/FDA approved products, optimum use of combination products, and the efficacy of vaccination in the face of maternal antibodies.

Always read, understand, and follow product label and use as directed.

# Bovilis® PrimeVAC™ 24

**Calves are vaccinated once prior to weaning**

## FIRST VACCINATION – PRIOR TO OR AT WEANING

**MLV viral vaccine (IBR, BVDV 1, 1b & 2, PI3, BRSV) + MH & PM  
RESPIRATORY OPTIONS INCLUDE:**

**BOVILIS® VISTA® Once SQ or a combination of**

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

**CLOSTRIDIAL OPTIONS INCLUDE (SELECT ONE):**

BOVILIS® VISION® 7	BOVILIS® VISION® 8	BOVILIS® VISION® 8 SOMNUS
BOVILIS® VISION® 7 SOMNUS	BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® COVEXIN® 8
BOVILIS® CAVALRY® 9		

**OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):**

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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## INTERNAL PARASITE CONTROL

**RECOMMENDED (SELECT ONE):**

SAFE-GUARD® (fenbendazole)	PANACUR® (fenbendazole)
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## EXTERNAL PARASITE CONTROL

**RECOMMENDED (SELECT ONE):**

ULTRA BOSS® Pour-On	ULTRA SABER® Pour-On
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## IMPLANT

**RECOMMENDED:**

RALGRO® (zeranol)

# Bovilis® PrimeVAC 34

## Calves are vaccinated twice:

- Administer the first vaccines prior to or at weaning
- Revaccinate 3 to 6 weeks later

### FIRST VACCINATION – PRIOR TO OR AT WEANING

#### MLV viral vaccine (IBR, BVDV 1, 1b & 2, PI3, BRSV) + MH & PM RESPIRATORY OPTIONS INCLUDE:

#### BOVILIS® VISTA® Once SQ or a combination of

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

#### CLOSTRIDIAL OPTIONS INCLUDE (SELECT ONE):

BOVILIS® VISION® 7	BOVILIS® VISION® 8	BOVILIS® VISION® 8 SOMNUS
BOVILIS® VISION® 7 SOMNUS	BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® COVEXIN® 8
BOVILIS® CAVALRY® 9		

#### OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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### SECOND VACCINATION – 3–6 WEEKS AFTER 1ST DOSE

#### Second dose of BOVILIS® VISTA® Once SQ or a combination of:

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

#### SECOND DOSE OF CLOSTRIDIAL OPTION

#### OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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### INTERNAL PARASITE CONTROL

#### RECOMMENDED (SELECT ONE):

SAFE-GUARD® (fenbendazole)	PANACUR® (fenbendazole)
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### EXTERNAL PARASITE CONTROL

#### RECOMMENDED (SELECT ONE):

ULTRA BOSS® Pour-On	ULTRA SABER® Pour-On
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### IMPLANT

#### RECOMMENDED:

RALGRO® (zeranol)

# Bovilis® PrimeVAC 45

*For home raised, single source, ranch calves weaned a minimum of 45 days prior to delivery*

## Calves are vaccinated twice:

- Administer the first vaccines prior to or at weaning
- Revaccinate 3 to 6 weeks later

## FIRST VACCINATION – PRIOR TO OR AT WEANING

**MLV viral vaccine (IBR, BVDV 1, 1b & 2, PI3, BRSV) + MH & PM**  
**RESPIRATORY OPTIONS INCLUDE:**

**BOVILIS® VISTA® Once SQ or a combination of**

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

**CLOSTRIDIAL OPTIONS INCLUDE (SELECT ONE):**

BOVILIS® VISION® 7	BOVILIS® VISION® 8	BOVILIS® VISION® 8 SOMNUS
BOVILIS® VISION® 7 SOMNUS	BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® COVEXIN® 8
BOVILIS® CAVALRY® 9		

**OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):**

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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## SECOND VACCINATION – 3–6 WEEKS AFTER 1ST DOSE

**Second dose of BOVILIS® VISTA® Once SQ or a combination of:**

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

**SECOND DOSE OF CLOSTRIDIAL OPTION**

**OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):**

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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## INTERNAL PARASITE CONTROL

**RECOMMENDED (SELECT ONE):**

SAFE-GUARD® (fenbendazole)	PANACUR® (fenbendazole)
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## EXTERNAL PARASITE CONTROL

**RECOMMENDED AT PRE-WEANING OR WEANING (SELECT ONE):**

ULTRA BOSS® Pour-On	ULTRA SABER® Pour-On
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## IMPLANTS

**RECOMMENDED AT BRANDING:**

RALGRO® (zeranol)

**RECOMMENDED AT BACKGROUNDING (SELECT ONE):**

RALGRO® (zeranol)	REVALOR®-G (trenbolone acetate and estradiol)
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# Bovilis® PrimeVAC Heifer

*For home-raised replacement heifers*

## **Replacement heifers are vaccinated three times:**

- Administer first vaccines prior to or at weaning
- Administer second vaccination 3 to 6 weeks later (including optional Brucellosis vaccination)
- Third vaccination 2 to 8 weeks prior to breeding

### **FIRST VACCINATION – PRIOR TO OR AT WEANING**

**MLV viral vaccine (IBR, BVDV 1, 1b & 2, PI3, BRSV) + MH & PM  
RESPIRATORY OPTIONS INCLUDE:**

**BOVILIS® VISTA® Once SQ or a combination of**

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

**CLOSTRIDIAL OPTIONS INCLUDE (SELECT ONE):**

BOVILIS® VISION® 7	BOVILIS® VISION® 8	BOVILIS® VISION® 8 SOMNUS
BOVILIS® VISION® 7 SOMNUS	BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® COVEXIN® 8
BOVILIS® CAVALRY® 9		

**OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):**

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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### **SECOND VACCINATION – 3–6 WEEKS AFTER 1ST DOSE**

**Second dose of BOVILIS® VISTA® Once SQ or a combination of:**

BOVILIS® NASALGEN® 3	BOVILIS® VISTA® 5 SQ	BOVILIS® NASALGEN® 3-PMH
BOVILIS® VISTA® BVD CFP	BOVILIS® Once PMH® SQ	
BOVILIS® Once PMH® IN		

**SECOND DOSE OF CLOSTRIDIAL OPTION**

**OPTIONAL PINKEYE VACCINATION INCLUDES (SELECT ONE):**

BOVILIS® 20/20 VISION® 7 with Spur®	BOVILIS® PILIGUARD® PINKEYE
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### **THIRD VACCINATION – 2–8 WEEKS PRIOR TO BREEDING**

**REPRODUCTIVE VACCINATION**

BOVILIS® VISTA® 5 VL5 SQ

**THIRD DOSE OF CLOSTRIDIAL OPTION**

### **INTERNAL PARASITE CONTROL**

**REQUIRED at weaning and prior to breeding (select one):**

SAFE-GUARD® (fenbendazole)	PANACUR® (fenbendazole)
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### **EXTERNAL PARASITE CONTROL**

**RECOMMENDED at pre-weaning or weaning (select one):**

ULTRA BOSS® Pour-On	ULTRA SABER® Pour-On
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## RESPIRATORY PROTECTION

Only BOVILIS® VISTA® vaccines offer the most complete dual-action pneumonia protection.

### BOVILIS® VISTA® ONCE SQ

50 dose and 10 dose

BOVILIS® VISTA® ONCE SQ combines the protection of BOVILIS® VISTA® 5 SQ and Once PMH® SQ. It is a 5-way MLV vaccine in combination with avirulent-live *Pasteurella multocida* and *Mannheimia haemolytica*.

Effective against:

- *Mannheimia haemolytica*
- *Pasteurella multocida*
- IBR (Infectious Bovine Rhinotracheitis)
- BVD Type 1 (Bovine Viral Diarrhea Type 1, including 1b)
- BVD Type 2 (Bovine Viral Diarrhea Type 2)
- PI3 (Parainfluenza3)
- BRSV (Bovine Respiratory Syncytial Virus)

### BOVILIS® VISTA® 5 SQ

50 dose and 10 dose

5 -way MLV vaccine.

Effective against:

- IBR (Infectious Bovine Rhinotracheitis)
- BVD Type 1 (Bovine Viral Diarrhea Type 1, including 1b)
- BVD Type 2 (Bovine Viral Diarrhea Type 2)
- PI3 (Parainfluenza3)
- BRSV (Bovine Respiratory Syncytial Virus)

### BOVILIS® VISTA® BVD CFP

50 dose and 10 dose

Shown to be effective for the vaccination of healthy cattle against respiratory disease and fetal infection, including persistently infected calves due to bovine viral diarrhea (BVD) Type 1, including 1b, and Type 2.

### BOVILIS® ONCE PMH® IN

50 dose, 10 dose and 25 x 1 tray

Intranasal vaccine that is effective against MH and PM pneumonia for healthy cattle starting as young as 1 week of age.

Effective against:

- *Mannheimia haemolytica*
- *Pasteurella multocida*

## **BOVILIS® ONCE PMH® SQ**

50 dose and 10 dose

Avirulent-live, dual-antigen, injectable bacterial pneumonia vaccine available for cattle 3 months of age or older.

Effective against:

- *Mannheimia haemolytica*
- *Pasteurella multocida*

## **BOVILIS® NASALGEN® 3**

50 dose, 10 dose and 25 x 1 tray

3-way modified-live intranasal vaccine effective against:

- Bovine respiratory syncytial virus (BRSV)
- Infectious bovine rhinotracheitis (IBR)
- Parainfluenza 3 (PI3)

## **BOVILIS® NASALGEN® 3-PMH**

50 dose, 10 dose and 25 x 1 tray

NASALGEN® 3-PMH is the first intranasal vaccine that is effective against five major causes of respiratory disease in one dose:

- Bovine respiratory syncytial virus (BRSV)
- Infectious bovine rhinotracheitis (IBR)
- Parainfluenza 3 (PI3)
- *Mannheimia haemolytica*
- *Pasteurella multocida*

## **REPRODUCTIVE PROTECTION**

Only BOVILIS® VISTA® vaccines offer single-dose comprehensive fetal protection during pregnancy.

## **BOVILIS® VISTA® 5 VL5 SQ**

50 dose

Modified-live virus and killed bacterin combo vaccine.

Modified-live virus vaccine, effective against:

- IBR (Infectious Bovine Rhinotracheitis)
- BVD Type 1 (Bovine Viral Diarrhea Type 1, including 1b)
- BVD Type 2 (Bovine Viral Diarrhea Type 2)
- PI3 (Parainfluenza3)
- BRSV (Bovine Respiratory Syncytial Virus)
- 5 strains of Leptospirosis, including effective against *L. hardjo-ovis*
- *Campylobacter fetus* (vibriosis)



# BROAD SPECTRUM CLOSTRIDIAL PROTECTION

Tested and trusted clostridial vaccines.

## BOVILIS® VISION® 7

250 dose, 50 dose and 10 dose | 2 mL subcutaneous injection

7-way Clostridial effective against:

- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)

## BOVILIS® VISION® 7 SOMNUS

250 dose, 50 dose and 10 dose | 2 mL subcutaneous injection

The only low-dose 7-way Clostridial/Somnus combination available

7-way Clostridial/Somnus effective against:

- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)
- *Histophilus somni*

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

50 dose and 10 dose | 2 mL subcutaneous dose

7-way clostridial and pinkeye combo effective against:

- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)
- *Moraxella bovis* (Pinkeye)

## BOVILIS® VISION® 8

50 dose and 10 dose | 2 mL subcutaneous injection

8-way Clostridial effective against:

- *Clostridium haemolyticum* (Redwater)
- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)

## **BOVILIS® VISION® 8 SOMNUS**

50 dose and 10 dose | 2 mL subcutaneous injection

7-way Clostridial effective against:

- *Clostridium haemolyticum* (Redwater)
- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)
- *Histophilus somni*

## **BOVILIS® CAVALRY® 9**

125 dose, 50 dose and 10 dose | 2 mL subcutaneous dose

The only 9-way Tetanus combo effective against:

- *Clostridium chauvoei* (Blackleg)
- *Clostridium haemolyticum* (Redwater)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* Type B (Black Disease)
- *Clostridium sordellii*
- *Clostridium perfringens* Types C and D (Enterotoxemia)
- *Clostridium tetani* (Tetanus)

## **BOVILIS® COVEXIN® 8**

250 dose and 50 dose | 5 mL subcutaneous dose

Effective against 8 Clostridial diseases:

- *Clostridium haemolyticum* (Redwater)
- *Clostridium chauvoei* (Blackleg)
- *Clostridium septicum* (Malignant Edema)
- *Clostridium novyi* Type B (Black Disease)
- *Clostridium perfringens* Types C and D (Enterotoxemia)
- *Clostridium tetani* (Tetanus)

# RECOMMENDED PRODUCTS

Parasiticides, implants, and pinkeye control.

## EXTERNAL PARASITE CONTROL

Fast-acting, long-lasting insect control.

### ULTRA BOSS® POUR-ON

5% Permethrin, 5% Piperonyl Butoxide

- Kills and controls face flies
- Effective against face flies, horn flies, and lice. Aids in the control of horse flies, stable flies, mosquitoes, black flies and ticks
- Convenient low dose:
  - 3 mL per 100 lb. body weight, up to 30 mL maximum application limit.
  - Also approved for use in backrubbers.

### ULTRA SABER® POUR-ON

1% Lambdacyhalothrin, 5% Piperonyl Butoxide

- Long-lasting control of horn flies and lice
- Convenient low dose:
  - 10 mL for animals 600 lb. or less
  - 15 mL for animals over 600 lb.

## IMPLANTS

Reliable, safe and effective implants for nursing beef calves and weaned calves on grass.

### RALGRO®

- Increase rate of weight gain in suckling calves
- Increases rate of weight gain and improves feed conversion of weaned beef calves, growing beef cattle, feedlot steers and heifers
- Stimulates animal's own natural growth system
- Implanting gun available

### REVALOR®-G

40 mg of trenbolone acetate and 8 mg of estradiol

- Increase rate of weight gain in weaned pasture steers and heifers
- Uses a lower hormone dosage, designed for stocker cattle on pasture
- Implanting gun available
- Stimulates animal's own natural growth system

**IMPORTANT SAFETY INFORMATION:** A withdrawal period has not been established for Ralgro® and Revalor®-G in pre-ruminating calves. Do not use in calves to be processed for veal. For complete information, refer to product label.

## PINKEYE PREVENTION

For the best results, follow product label and use as directed.

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

50 dose and 10 dose | 2 mL subcutaneous dose

7-way clostridial + pinkeye combo effective against:

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

### BOVILIS® PILIGUARD® PINKEYE

50 dose and 10 dose | 2 mL subcutaneous injection

Effective against *Moraxella bovis* strains expressing pili similar to those expressed by isolates referred to as Strains EPP 63, FLA 64, and SAH 38.

- *Moraxella bovis* (Pinkeye)

# INTERNAL PARASITE CONTROL

For the removal of internal parasites.

## PANACUR® (fenbendazole)

1 Gallon, 1 Liter

- Available from your veterinarian
- For removal and control of lungworms, stomach worms and intestinal worms
- Easy-to-use applicator gun for accurate and stress-free deworming
- One liter deworms 43,478 lb. of cattle
- One gallon deworms 164,565 lb. of cattle

# panacur®

(fenbendazole)

## Horse & Cattle Dewormer Suspension 10% (100 mg/mL)

### WITHDRAWAL PERIODS AND RESIDUE WARNINGS:

Milk taken from cows during treatment and for 48 hours after the last treatment must not be used for human consumption. Cattle must not be slaughtered for human consumption within 8 days following last treatment with this drug product. Not for use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves.

**CAUTION:** Federal law restricts this drug to use by or on the order of a licensed veterinarian.

### INDICATIONS AND DOSAGE:

**Horses** - 2.3 mg/lb (5 mg/kg): for the treatment and control of large strongyles (*Strongylus edentatus*, *S. equinus*, *S. vulgaris*, *Triodontophorus* spp.), small strongyles (*Cyathostomum* spp., *Cylicocyclus* spp., *Cylicostephanus* spp., *Cylicodontophorus* spp.), and pinworms (*Oxyuris equi*). 4.6 mg/lb (10 mg/kg): for the treatment and control of ascarids (*Parascaris equorum*).

**Beef and Dairy Cattle** - 2.3 mg/lb (5 mg/kg): for the treatment and control of: **Lungworms:** Adult *Dictyocaulus viviparus*; **Stomach worms:** Adult brown stomach worms (*Ostertagia ostertagi*), Adult and fourth stage larvae barberpole worms (*Haemonchus contortus* & *H. placei*), and Adult and fourth stage larvae small stomach worms (*Trichostrongylus axei*); **Intestinal worms** (Adult and fourth stage larvae): hookworms (*Bunostomum phlebotomum*), thread-necked intestinal worms (*Nematodirus helvetianus*), small intestinal worms (*Cooperia punctata* & *C. oncophora*), bankrupt worms (*Trichostrongylus colubriformis*), and nodular worms (*Oesophagostomum radiatum*).

**Beef Cattle Only** - 4.6 mg/lb (10 mg/kg): for the treatment and control of: **Stomach worms** (4th stage inhibited larvae): *Ostertagia ostertagi* (Type II Ostertagiasis); **Tapeworms:** *Moniezia benedeni*.

**Do not use in dairy cattle at 10 mg/kg.**

**Shake well before use.**

**Store at or below 25° C (77° F)**

**Protect from freezing.**

### DIRECTIONS:

#### Horses and Beef and Dairy Cattle:

Administer orally by suitable dosing syringe. Insert nozzle of syringe through the interdental space and deposit the drug on the back of the tongue by depressing the plunger. The drug may also be administered by stomach tube.

### EXAMPLES:

Animal Weight	Dose (5 mg/kg)	Dose (10 mg/kg)
100 lb	2.3 mL	4.6 mL
200 lb	4.6 mL	9.2 mL
300 lb	6.9 mL	13.8 mL
400 lb	9.2 mL	18.4 mL
500 lb	11.5 mL	23.0 mL
1000 lb	23.0 mL	46.0 mL
1500 lb	34.5 mL	69.0 mL

Do not underdose. Ensure each animal receives a complete dose based on a current body weight. Underdosing may result in ineffective treatment, and encourage the development of parasite resistance.

**WARNINGS:** NOT FOR USE IN HUMANS. KEEP OUT OF REACH OF CHILDREN. The Safety Data Sheet (SDS) contains more detailed occupational safety information. For customer service, adverse effects reporting, and/or a copy of the SDS, call 1-800-211-3573. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDAVETS, <http://www.fda.gov/reportanimalae>.

**OTHER WARNINGS:** Do not use in horses intended for human consumption. Parasite resistance may develop to any dewormer, and has been reported for most classes of dewormers. Treatment with a dewormer used in conjunction with parasite management practices appropriate to the geographic area and the animal(s) to be treated may slow the development of parasite resistance. Fecal examinations or other diagnostic tests and parasite management history should be used to determine if the product is appropriate for the herd, prior to the use of any dewormer. Following the use of any dewormer, effectiveness of treatment should be monitored (for example, with the use of a fecal egg count reduction test or another appropriate method). A decrease in a drug's effectiveness over time as calculated by fecal egg count reduction tests may indicate the development of resistance to the dewormer administered. Your parasite management plan should be adjusted accordingly based on regular monitoring.

Fenbendazole (active ingred.) made in China. Formulated in France.

Distributed by:

Intervet Inc. (d/b/a Merck Animal Health), Madison, NJ 07940

Approved by FDA under NADA # 104-494

Approved by FDA under NADA # 128-620

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Rev. 11/20

1,000 mL (33.8 fl.oz.)	328771 R8
	312522 R11

CPN: 1047343.3

## **SAFE-GUARD® (fenbendazole)**

Drench options include: 10 Liter, 1 Gallon, 1 Liter and 125 mL

- Available from your veterinarian or OTC
- For removal and control of lungworms, stomach worms and intestinal worms
- Single application
- Low-dose volume
- Easy-to-use applicator gun for accurate and stress-free deworming
- One liter deworms 43,478 lb. of cattle
- One gallon deworms 164,565 lb. of cattle
- Also available in feed presentations

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

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 preruminating calves. Do not use in calves to be processed for veal.

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.

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.

SAFE-GUARD® drench and paste:

RESIDUE WARNING: Cattle must not be slaughtered within 8 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.



# PrimeVAC™ CERTIFIED

Ranch Name: \_\_\_\_\_ Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ City: \_\_\_\_\_

Telephone: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

No. of Head: \_\_\_\_\_ Breed: \_\_\_\_\_

Gender:  Steer  Heifer  Mixed BQA Certification Number: \_\_\_\_\_

The calves listed on this certificate have completed the health requirements for the following Merck Animal Health preconditioning program.

## PROGRAM

- PrimeVAC™ 24
- PrimeVAC™ 34
- PrimeVAC™ 45
- PrimeVAC™ Heifer

## PROTECTION

### Respiratory

- Bovilis® Vista® Once SQ
- Bovilis® Vista® 5 SQ
- Bovilis® Vista® BVD CFP
- Bovilis® Once PMH® IN
- Bovilis® Once PMH® SQ
- Bovilis® Nasalgen® 3
- Bovilis® Nasalgen® 3-PMH

### Blackleg

- Bovilis® Vision® 7
- Bovilis® Vision® 7 Somnus
- Bovilis® Vision® 8
- Bovilis® Vision® 8 Somnus
- Bovilis® 20/20 Vision®
- Bovilis® Covexin® 8
- Bovilis® Cavalry® 9

## RECOMMENDED

### Internal Parasite

- Panacur®
- Safe-Guard®

### External Parasite

- Ultra Boss® Pour-On
- Ultra Saber® Pour-On

### Implants

- RaIgro®
- Revalor®-G

### Pinkeye

- Bovilis® Piliguard® Pinkeye
- Bovilis® 20/20 Vision® 7 with Spur®

### Reproductive

- Bovilis® Vista® BVD CFP SQ
- Bovilis® Vista® 5 L5
- Bovilis® Vista® 5 VL5

## Certified by:

Owner Name: \_\_\_\_\_

Owner Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Certified by:

Veterinarian Name: \_\_\_\_\_

Veterinarian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

This certificate is provided only as a service to the producer, person or entity whose name appears on the face hereof ("Owner/Manager"). All information is derived from data supplied by the Owner/Manager, who is solely responsible for its accuracy and use. Merck Animal Health make no warranties, express or implied, regarding the accuracy, adequacy, completeness, reliability, usefulness, or legality of any information. Such information is provided "as is", and should be verified by the user before relying upon it for any purpose.

# YOUR LIVELIHOOD IS OUR RESPONSIBILITY

On ranches, dairies and feedyards across America, the science of healthier animals is a way of life. It's this responsibility that drives who we are and what we do.

We're Merck Animal Health, and we're dedicated to improving the health and well-being of animals through innovative, science-based products, treatments and services.

Because of your efforts, we all enjoy a dependable, affordable food supply. You have our thanks and support. Please contact your veterinarian, animal health supplier or Merck Animal Health representative for more information.

We're with you every step of the way.



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