

# ZOETIS INC.

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Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the USA product label or package insert.

## BOVI-SHIELD GOLD<sup>®</sup> FP<sup>®</sup> 5

**Zoetis**

### **Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza<sub>3</sub>-Respiratory Syncytial Virus Vaccine**

Modified Live Virus

**INDICATIONS:** Bovi-Shield GOLD FP 5 is for vaccination of healthy cows and heifers prior to breeding to prevent persistently infected calves caused by bovine virus diarrhea (BVD) virus Types 1 and 2 and as an aid in preventing abortion caused by infectious bovine rhinotracheitis (IBR, bovine herpesvirus Type 1) virus; respiratory disease caused by IBR, BVD Types 1 and 2, parainfluenza<sub>3</sub> (PI<sub>3</sub>) and bovine respiratory syncytial virus (BRSV); and BVD Type 2 testicular infection. A 12-month duration of immunity has been demonstrated against IBR-induced abortion and persistently infected calves caused by BVD Types 1 and 2. Bovi-Shield GOLD FP 5 may be administered to pregnant cattle provided they were vaccinated according to label directions with any Bovi-Shield GOLD FP or PregGuard<sup>®</sup> GOLD FP vaccine within the past 12 months. Bovi-Shield GOLD FP 5 may also be administered to calves nursing pregnant cows provided their dams were vaccinated within the past 12 months as described above. **To help ensure safety in pregnant cattle, heifers must receive at least 2 doses of any Bovi-Shield GOLD FP or PregGuard GOLD FP product with the second dose administered approximately 30 days prebreeding.**

**PRODUCT DESCRIPTION:** The freeze-dried vaccine is a preparation of modified live virus (MLV) strains of IBR, BVD (Types 1 and 2), PI<sub>3</sub>, and BRSV. An adjuvanted sterile diluent is provided to rehydrate the freeze-dried component.

#### **DIRECTIONS:**

*General Directions:* Vaccination of healthy cattle is recommended. Aseptically rehydrate the freeze-dried vaccine with the sterile diluent provided, shake well, and administer 2 mL subcutaneously or intramuscularly. In accordance with Beef Quality Assurance guidelines, this product should be administered subcutaneously in the neck region.

*Primary Vaccination:* Administer a single 2-mL dose to all breeding cows and heifers approximately 1 month prior to breeding or being added to the herd.

*Revaccination:* Annual revaccination with a single dose of Bovi-Shield GOLD FP 5 is recommended.

Good animal husbandry and herd health management practices should be employed.

#### **PRECAUTIONS:**

**Do not use in pregnant cows (abortions can result) unless they were vaccinated, according to label directions, with any Bovi-Shield GOLD FP or PregGuard GOLD FP vaccine within the past 12 months. Do not use in calves nursing pregnant cows unless their dams were vaccinated within the past 12 months as described above.**

**To help ensure safety in pregnant cattle, heifers must receive at least 2 doses of any Bovi-Shield GOLD FP or PregGuard GOLD FP product with the second dose administered approximately 30 days prebreeding.**

Store at 2°-7°C. Prolonged exposure to higher temperatures and/or direct sunlight may adversely affect potency. Do not freeze.

Use entire contents when first opened.

Sterilized syringes and needles should be used to administer this vaccine. Do not sterilize with chemicals because traces of disinfectant may inactivate the vaccine.

Burn containers and all unused contents.

Do not vaccinate within 21 days before slaughter.

Contains gentamicin as preservative.

As with many vaccines, anaphylaxis may occur after use. Initial antidote of epinephrine is recommended and should be followed with appropriate supportive therapy.

This product has been shown to be efficacious in healthy animals. A protective immune response may not be elicited if animals are incubating an

infectious disease, are malnourished or parasitized, are stressed due to shipment or environmental conditions, are otherwise immunocompromised, or the vaccine is not administered in accordance with label directions.

Technical inquiries should be directed to Zoetis Inc. Veterinary Services, (888) 963-8471 (USA), (800) 461-0917 (Canada).

For veterinary use only.

U.S. Veterinary License No. 190

Zoetis Inc., Kalamazoo, MI 49007

**Code 1181.28**

10054501

10-dose vial of vaccine, rehydrate to 20 mL 20-mL vial of sterile diluent	10054202
50-dose vial of vaccine, rehydrate to 20 mL 100-mL vial of sterile diluent	

**NAC No.:** 3690223.7