Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza-3 Respiratory Syncytial Virus Vaccine 

Modified Live and Killed Virus 

Leptospira Canicola-Grippotyphosa-Hardjo-Aerophagomae-Pomona Bacteria 

CattleMaster® GOLD FP 5 L5 

PRODUCT DESCRIPTION: CattleMaster® GOLD FP 5 L5 is a vaccine of healthy cattle, including preganant cows, as an aid in preventing abortion caused by infectious bovine rhinotracheitis (IBR), bovine respiratory syncytial virus (BRSV), parainfluenza virus Type 3 (PI3), and bovine viral diarrhea. The vaccine is a freeze-dried preparation containing killed IBR and PI3 viruses and modified live BRSV, plus a liquid, adjuvanted preparation of inactivated BVD virus (Types 1 and 2) and inactivated cultures of the 5 Leptospira species identified above. The liquid component is used to elutriate the freeze-dried vaccine. Vaccine antigens are propagated on an established cell line. This product is adulterated with a unique combination of adjuvants including Amphigen®. The BVD fraction of CattleMaster GOLD FP 5 L5 is further processed by a proprietary system to help assure consistency of the formulation.

DIAGNOSIS: IBR and BVD are commonly associated with respiratory disease while BRSV and PI3 are predominantly associated with respiratory disease. IBR virus infection is characterized by high temperature, anorexia, nasal discharge, conjunctival and oral discharge, inflammation in the mouth, salivation, and thymic enlargement. CBVD is not known to cause a respiratory disease in cattle. BRSV is the etiologic agent of a specific viral respiratory disease of cattle of all ages, including nursing calves. IBR virus infection is characterized by high temperature, anorexia, nasal discharge, conjunctival and oral discharge, inflammation in the mouth, salivation, and thymic enlargement. Cattle infected during pregnancy may abort. A characteristic of IBR virus is that it establishes a latent infection in the host. The latency and subsequent excretion of the IBR virus fraction of CattleMaster GOLD FP 5 L5 was demonstrated in challenge-immunity studies. Cattle vaccinated with any fraction of CattleMaster GOLD FP 5 L5, followed by challenge with a disease-causing strain of that fraction, had significantly fewer clinical signs than nonvaccinated control cattle.

Efficacy of each fraction of CattleMaster GOLD FP 5 L5 was demonstrated in challenge-immunity studies. The IBR fraction of CattleMaster GOLD FP 5 L5, in preventing IBR disease, was statistically significantly better than the controls (P < 0.05) in all cases tested, as measured by clinical signs or virus isolation. The PI3 virus usually localizes in the upper respiratory tract, causing elevated temperature, dehydration, and lameness. Of BVD include loss of appetite, ulcerations in the mouth, profuse salivation, and elevated temperature. The latency and subsequent excretion of the IBR virus fraction of CattleMaster GOLD FP 5 L5 was demonstrated in challenge-immunity studies. Cattle vaccinated with any fraction of CattleMaster GOLD FP 5 L5, followed by challenge with a disease-causing strain of that fraction, had significantly fewer clinical signs than nonvaccinated control cattle.

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Bovine Rhinotracheitis- 
Virus Diarrhea-Parainfluenza- 
Respiratory Syncytial 
Virus Vaccine

CattleMaster® GOLD FP® 5

PRODUCT DESCRIPTION: CattleMaster GOLD FP® 5 is for vaccination of healthy cattle, including pregnant cows, as an aid in preventing abortion caused by infectious bovine rhinotracheitis virus (IBR), bovine viral diarrhea (BVD) virus Types 1 and 2, and respiratory disease caused by IBR, BVD (Types 1 and 2), parainfluenza3 (PI3), and bovine respiratory syncytial virus (BRSV). CattleMaster GOLD FP® 5 is a trivalent phosphatidylcholine adsorbed vaccine of IBR, BVD, and PI3 viruses and modified live BRSV virus. A liquid, adjuvanted preparation of modified live BRSV virus Types 1 and 2. The liquid component is used to reinforce the freeze-dried vaccine. Viral antigens are propagated on an established cell line. This product contains a unique combination of antigens, including Amphigen®, to enhance the immune response to its fractions. The BVD-2 ELISA of CattleMaster GOLD FP® 5 is further processed and purified to help assure consistency of the formulation.

DISEASE DESCRIPTION: IBR and BVD are commonly associated with respiratory and reproductive disease within IBR and PI3, and PI3 is potentially associated with respiratory disease. IBR virus infection is characterized by high temperature, excessive nasal discharge, cyanosis and ataxia, and death. BVD virus infection is associated with transplacental transmission of virulent BVD virus strains, which may result in congenital malformation of the fetus. Moreover, if susceptible cows are infected, PI3, respiratory and neonatal mortality may result from BVD virus strains. Both IBR virus types and BVD virus strains may cause a variety of clinical signs. The signs vary from subclinical to severe, and they are divided into acute and chronic forms. In acute outbreaks, deaths may follow within 48 hours after onset of signs. In chronic outbreaks, deaths may occur over a period of weeks or months. IBR and BVD are typically associated with a variety of respiratory symptoms, such as coughing, sneezing, and nasal discharge.

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BRSV is the etiologic agent of a specific viral respiratory disease of cattle of all ages, including pregnant cows, as an aid in preventing abortion caused by infectious bovine rhinotracheitis virus (IBR), bovine viral diarrhea (BVD) virus Types 1 and 2, and respiratory disease caused by IBR, BVD (Types 1 and 2), parainfluenza3 (PI3), and bovine respiratory syncytial virus (BRSV).

Revaccinación: de la Carne de Res (Beef Quality Assurance), este producto se debe administrar aproximadamente 30 días antes de la reproducción. Algunos animales pueden mostrar reacciones de hipersensibilidad inmediata con edema, enrojecimiento, prurito, y/o dolor. Tales reacciones son temporales y no requieren tratamiento adicional. Debe ser supervisado de cerca y el tratamiento debe ser administrado de acuerdo con las instrucciones de etiqueta. Los animales que muestren estos signos deben recibir un tratamiento sintomático adecuado. Los animales expuestos a toxicos del pasto durante el período de vacunación deben ser observados de cerca y los animales sanos que se vacunan para prevenir reacciones adversas deben ser observados durante 30 minutos.

INDICACIONES: Este producto está indicado para vacunación de vacas y vaquillas de 2 a 12 meses de edad. Este producto es eficaz en animales sanos. Se han demostrado que los animales vacunados según las instrucciones de etiqueta son más resistentes a las infecciones causadas por C. fetus, L. icterohaemorrhagiae, L. canicola, L. grippotyphosa, L. hardjo, L. enriettii, L. pomona, A. hydrophila, C. abortus, C. burnetii, C. psittaci, E. coli, K. pneumoniae, P. multocida, P. stuartii, P. vulgaris, etc. Los animales vacunados de acuerdo con las instrucciones de etiqueta tienen un menor riesgo de desarrollar lombriz y las posibilidades de infección por E. coli son menores. Los animales expuestos a clostridiales duran el período de vacunación deben ser observados de cerca y los animales sanos que se vacunan para prevenir reacciones adversas deben ser observados durante 30 minutos.

DIRECCIONES: General de Vacuna: Vacunación de healthy animals is recommended. Do not vaccinate within 21 days before slaughter.

PRODUCT DESCRIPTION: The freeze-dried vaccine is a preparation of modified live virus (MLV) strains of IBR, BVD (Types 1 and 2), and Bovi-Shield GOLD FP 10; with the liquid bacterin provided (Vibrio/Leptoferm-5®), aseptically rehydrated. The vials of the freeze-dried vaccine (PregGuard GOLD FP 10) contain the following MLV antigens: IBR, BVD (Types 1 and 2), and Bovi-Shield GOLD FP 10. The bacterin is rehydrated with the liquid bacterin (Vibrio/Leptoferm-5®) and is administered intramuscularly. The bacterin is supplied as a diluent for the freeze-dried vaccine (PregGuard GOLD FP 10).