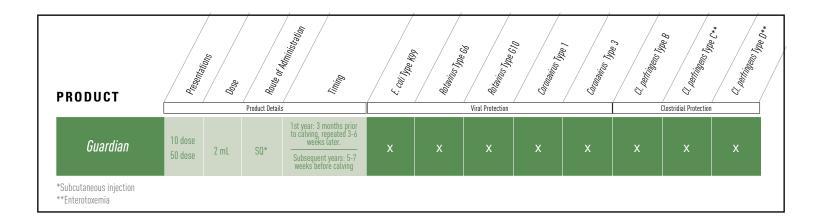
PRODUCT BULLETIN



GUARDIAN® VACCINES

For the veterinarian or producer who values the important role high-quality colostrum plays in getting their calves off to a fast, healthy start, Guardian promotes broad-spectrum antibody production in the pregnant cow or heifer, which is then available to be transferred to their calves within the first hours of life.





PRODUCT FEATURES

- Broad-spectrum coronavirus and rotavirus protection to help prevent the most frequently diagnosed causes of viral scours
- K99 E. coli pilis The Subunit Technology Advantage: Stimulates a more specific immune response and lower reactivity as compared to products containing whole-cell E. coli fractions2
- Broad-spectrum Clostridial perfringens protection to help prevent intestinal infections that can kill calves before you know it
- The only scours vaccine administered to pregnant cows and heifers that includes both Coronavirus Type 1 and Type 3³
- Guardian has been shown to produce higher K99 E. coli titer levels than other products on the market¹
- BQA Friendly: Guardian is labeled for subcutaneous (SQ) administration; other commercially available maternally administered scours vaccines are labeled for intramuscular administration (IM)



SPAH FSR MS-Guardian-03-11

Jayappa H, Davis R, Dierks L, Sweeney D, Wasmoen T. (2008) Demonstration of Passive Protection in Neonatal Calves against Colibacillosis Following Immunization of Pregnant Heifers at 3 Months of Gestation. Veterinary Therapeutics, Vol. 9, No. 4, Winter 2008. 283-289.

PRODUCT RESOURCES

STOCKING CODE

Post-Vaccinal <i>E. coli</i> K99 Titer Response in Lactating Dairy Cows to Three Vaccines for the Control of Neonatal Diarrhea	BV-GRD-43024
Guardian Fast Facts	BV-GUAR-37193G
Guardian Sell Sheets	BV-GRD-SG-46836-D BV-GRD-SB-46838-D

