

# BOVILIS<sup>®</sup> Scours Vaccines



## What are Scours?

- Calf Scours (neonatal diarrhea) can have a detrimental impact on health and exerts a costly toll on the livestock industry.
- Scours are a cause of dehydration, sickness and death in calves' first month of life.
- Anytime the intestinal tract is damaged, absorption is affected, and performance is impaired.

## Broad-Spectrum Protection

- Calf scours can be caused by many bacterial and viral pathogens.
- Coronavirus and rotavirus are frequently diagnosed causes of viral scours.
- Select the broadest spectrum clostridial protection to help prevent costly intestinal infections.

## Prevention is Key

- High-quality colostrum is a critical factor in raising healthy calves.
- By vaccinating cows and first-calf heifers in late gestation, producers can reduce the risk of newborn calf scours in the period just after birth.
- Scours vaccines protect calves against major disease-causing pathogens and eliminate the need to administer oral vaccination in individual calves.

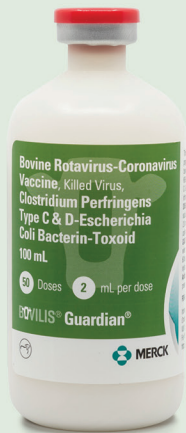
Scours	Rotavirus	E. coli K99	Enterotoxemia	Coronavirus
BOVILIS <sup>®</sup> GUARDIAN <sup>®</sup>	●	●	●	●
BOVILIS <sup>®</sup> CORONAVIRUS				●

\*BOVILIS<sup>®</sup> GUARDIAN<sup>®</sup> is the only scours vaccine on the market that contains both Type 1 and Type 3 coronavirus. BOVILIS<sup>®</sup> Coronavirus<sup>®</sup> is an intranasal vaccine.

# BOVILIS<sup>®</sup> Scours Vaccines



For exceptional protection against scours in cattle, use the BOVILIS<sup>®</sup> line of cattle vaccines offered by Merck Animal Health.



## BOVILIS<sup>®</sup> 2 mL DOSE SQ GUARDIAN<sup>®</sup>

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<sup>®</sup> 2 mL DOSE IN CORONAVIRUS

*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

### Test Your Knowledge

1. True or False: High-quality colostrum is a critical factor in raising healthy calves.

- A True
- B False

2. True or False: Calf scours cannot be caused by viral pathogens.

- A True
- B False

3. True or False: The best way to help prevent costly intestinal infections is to select the broadest spectrum clostridial protection.

- A True
- B False

Answer Key: 1: True, 2: False, 3: True