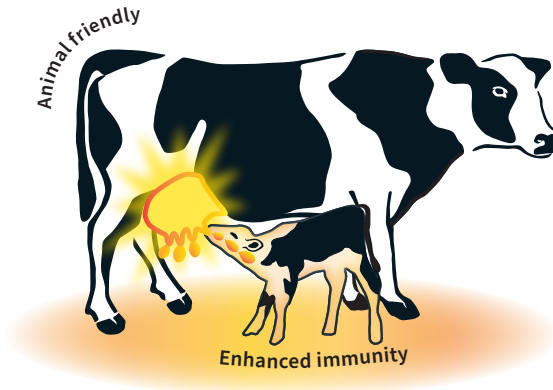


## NEXT GENERATION VACCINE<sup>1</sup>

- Prevents neonatal diarrhoea
- Modern adjuvant system



## TRADITIONAL VACCINES

- Reduce the incidence of scours caused by rotavirus and severity of diarrhoea caused by *E. coli*
- Injection site lesions common



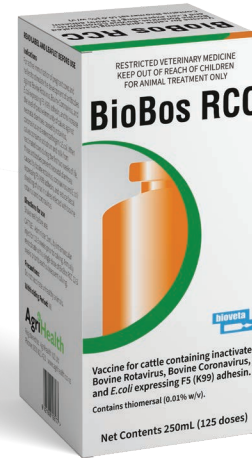
## Increased immunity in calves that consume colostrum from BioBos RCC vaccinated cows and heifers

### When to use

Single vaccination for pregnant cows and heifers 3 to 12 weeks before calving

### Protects calves against

- Rotavirus
- Coronavirus
- *E. coli*



Pack sizes: 50 and 125 dose

## Ask your Vet for further advice about

- Colostrum requirements of newborn calves - remember 'quantity, quality, and quickly'
- The **Next Generation** calf scours vaccine

Your vet clinic

1. BioBos RCC ACVM A12072 is registered to AgriHealth NZ



www.agrihealth.co.nz 0800 821 421

AgriHealth

BioBosRCC-DLE-2024

# THE NEXT GENERATION CALF SCOURS VACCINE



## BioBos RCC

Prevents neonatal diarrhoea

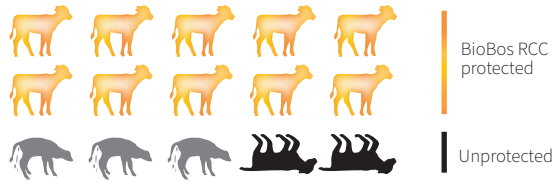


# The Evidence

Challenge studies<sup>2</sup> were undertaken in newborn calves that were fed colostrum/milk from vaccinated or unvaccinated cows for 7 days.

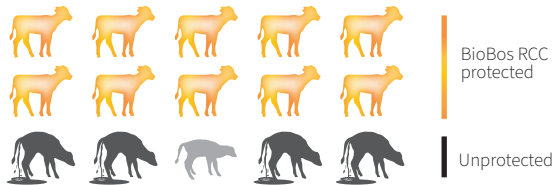
## Rotavirus challenge

All calves challenged with rotavirus at 7 days old



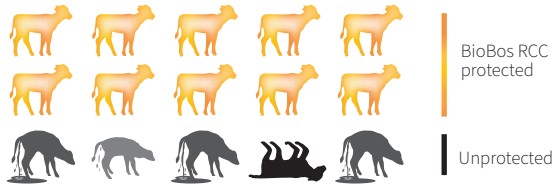
## Coronavirus challenge

All calves challenged with coronavirus at 7 days old



## E. coli challenge

All calves challenged with *E. coli* at 12 hours old



2. Yarnall M, et al. A novel vaccine demonstrating prevention of neonatal calf diarrhoea. Large Animal Review 30: 13-24; 2024

# Raise healthier calves BioBos RCC



### Increases

Antibodies to bovine rotavirus, bovine coronavirus, and *E. coli* K99 in calves fed from vaccinated dams

### Prevents

Diarrhoea caused by bovine rotavirus, coronavirus and *E. coli*

### Reduces

Shedding of bovine rotavirus and bovine coronavirus

### Superior

The next generation vaccine



## Calf scours in New Zealand<sup>3</sup>

Rotavirus and coronavirus were the most common viral pathogens detected in faecal samples from healthy calves on NZ farms during their first five days (Fig 1) and from 9 to 21 days of age (Fig 2).

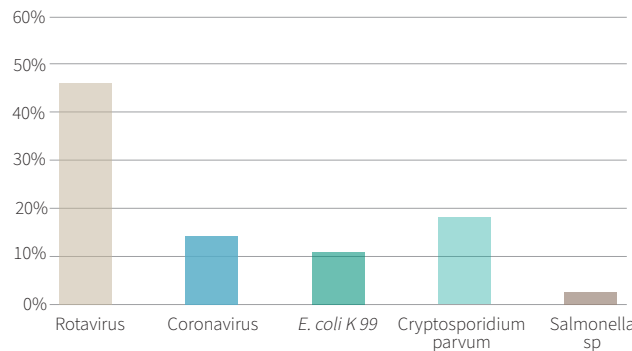


Figure 1. Farm level prevalence of enteropathogens in faecal samples from calves aged 1 – 5 days on 97 dairy farms throughout NZ

3. Al Mawly J, et al. Prevalence of endemic enteropathogens of calves in New Zealand dairy farms. NZVJ, 63(3), 147-152, 2015

Vaccinating cows with BioBos RCC between 3 and 12 weeks prior to calving - and ensuring calves consume colostrum - prevents neonatal diarrhoea from bovine rotavirus, coronavirus and *E. coli*.

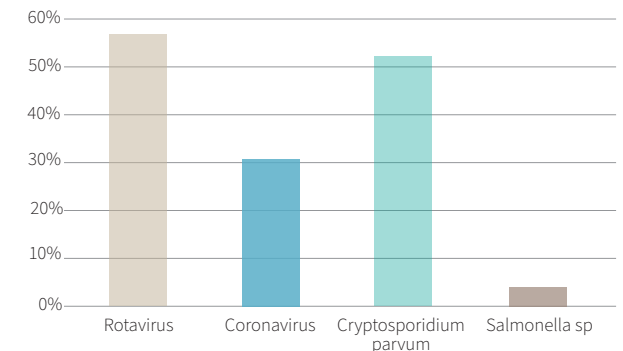


Figure 2. Farm level prevalence of enteropathogens in faecal samples from calves aged 9 - 21 days on the 97 dairy farms throughout NZ. (*E. coli* K99 was not tested)