



# ROTATEC J5

**Reduce your losses due to  
Neonatal Calf Diarrhea Syndrome  
& Coliform Mastitis.**

The evolution of animal health





## ROTATEC J5

**For improving the herd immunity against the Neonatal Calf Diarrhea Syndrome & Coliform Mastitis**

**Beef and Dairy Cattle**

Strategic vaccination with **ROTATEC J5** during late pregnancy can lead to health and productive benefits during the early life of the newborn calves and lactation period of the dairy cows.

*E. Coli* J5 strain shares an LPS common core with other Gram (-) bacteria. This contributes to the cross protection against endotoxemia by this group of pathogens.

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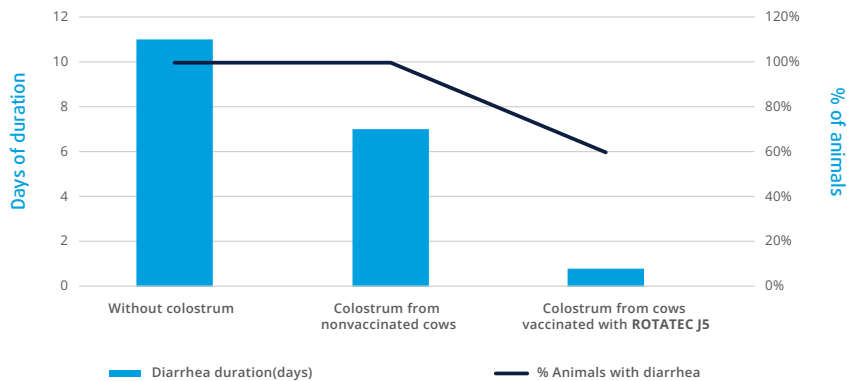


# ROTATEC J5



## Results of ROTATEC J5 program implementation for the reduction of diarrhea in newborn calves

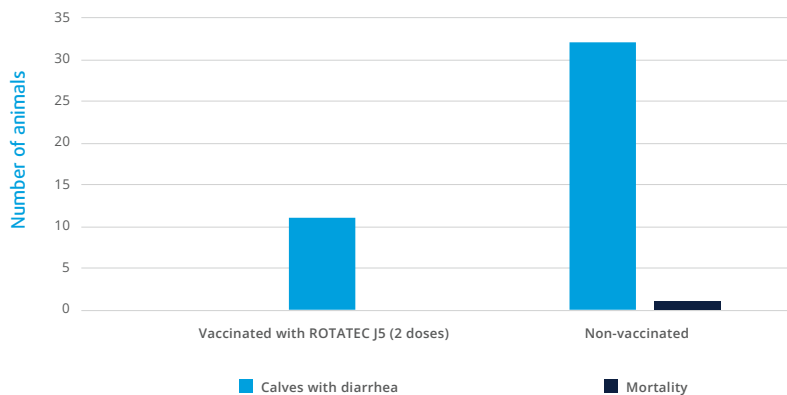
### Trial A in calves



Trial A in calves:  
Developed and executed by the National Research Institute of Agriculture, Argentina.

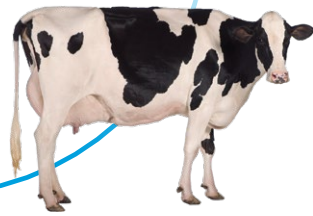
**40% Reduction of diarrhea incidence.**  
**+90% Reduction of diarrhea length.**

### Trial B in calves



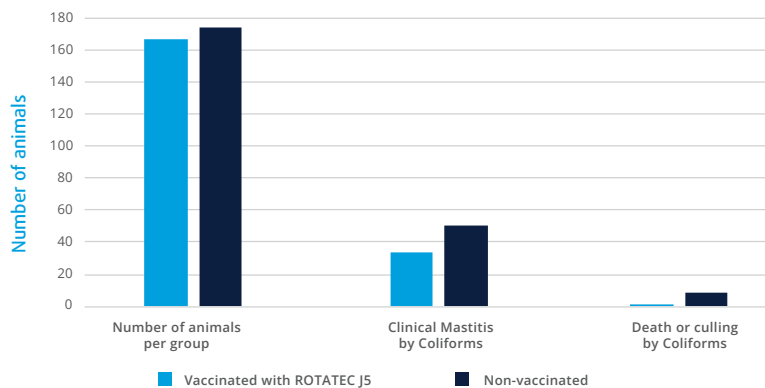
Trial B in calves:  
Gagliote Junior, 2006. A Hora Vet. 25, No.50.

**No mortality in the vaccinated group.**  
**Significant reduction of diarrhea.**



## Results of **ROTATEC J5** program implementation for the reduction of Coliform in **dairy cows**

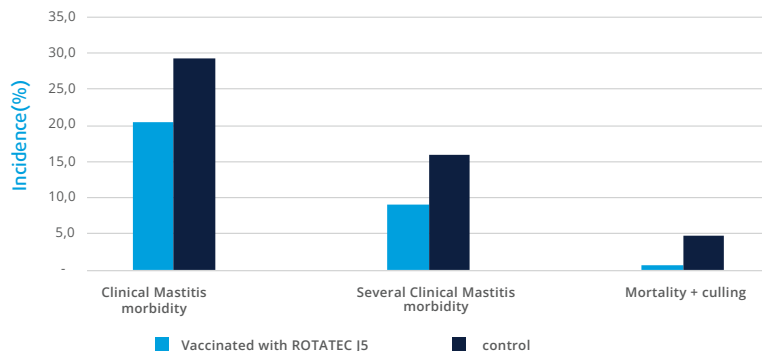
### Trial C in dairy cows



Trial C in dairy cows:  
Molina et al., 2013. Pesq. Vet. Bras. 33(3)

**Reduced the INCIDENCE and SEVERITY of Clinical Mastitis. Reduced the death and culling of milking cows due to Coliform Mastitis.**

### Trial D in dairy cows



Trial D in dairy cows:  
Pol et al., 2008. Vet. Arg. Vol. XXV, No.245

**Significantly reduced Clinical Mastitis due to E. Coli.**

# ROTATEC J5

Reduce your losses due to  
Neonatal Calf Diarrhea Syndrome  
& Coliform Mastitis

## Especifications

### Composition:

Bovine Rotavirus G6 and G10  
Escherichia Coli J5

### Dosage and administration route:

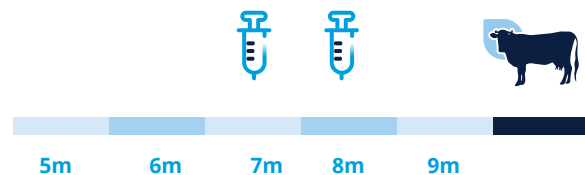
3 mL by the intramuscular or  
subcutaneous route

Formulated with an oil-based adjuvant developed  
by Biogenesis Bagó ensures a higher and longer  
duration of immunity, which guarantees higher  
titers of specific antibodies in colostrum (passive  
immunity transfer to calves)

## Vaccination schedule

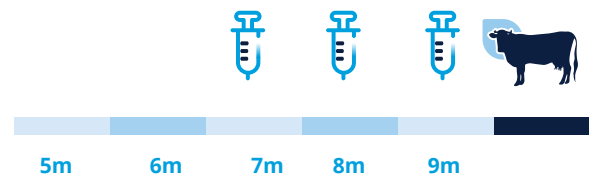
### DIARRHEA PREVENTION IN CALVES

1st dose at 7 months of pregnancy;  
2nd dose at 8 months of pregnancy



### MASTITIS PREVENTION IN LACTATING COWS

1st dose at 7 months of pregnancy;  
2nd dose at 8 months of pregnancy  
3rd dose at calving



## Benefits for cattle farmers implementing ROTATEC J5 programs

- Reduces mortality, occurrence and length of diarrhea in newborn calves.
- Proven efficacy in reduction of Mastitis due to Coliforms in lactating cows.
- Confers cross immunity against Gram (-) endotoxins.
- Reduces the treatment cost due to Neonatal Calf Diarrhea Syndrome and Mastitis.
- Reduces the shedding of Rotavirus in farm.

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**Biogénesis  
Bagó**



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