



ROTATEC J5

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

The evolution of animal health





ROTATEC J5

To improve herd's immunity against Neonatal Calf Diarrhoea Syndrome and 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 a lipopolysaccharide (LPS) common core with other Gram (-) bacteria. This contributes to the cross-protection against this group of pathogens.

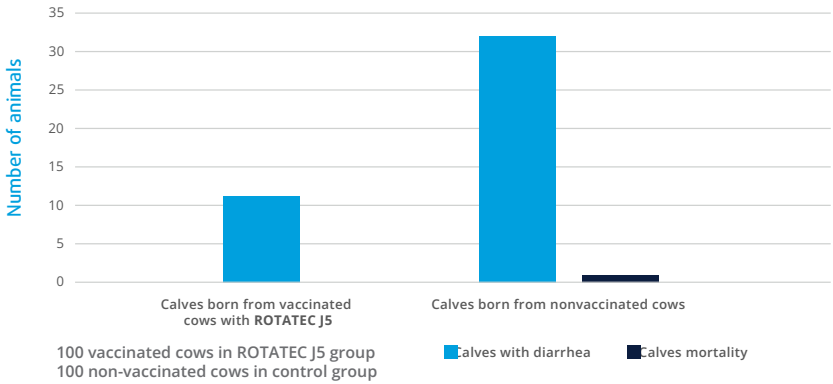
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Results of strategic immunization during late pregnancy with **ROTATEC J5** to reduce diarrhoea in newborn calves

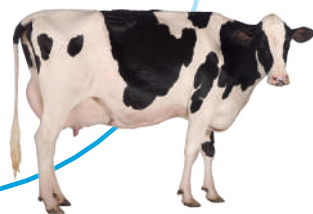
Trial A in calves



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

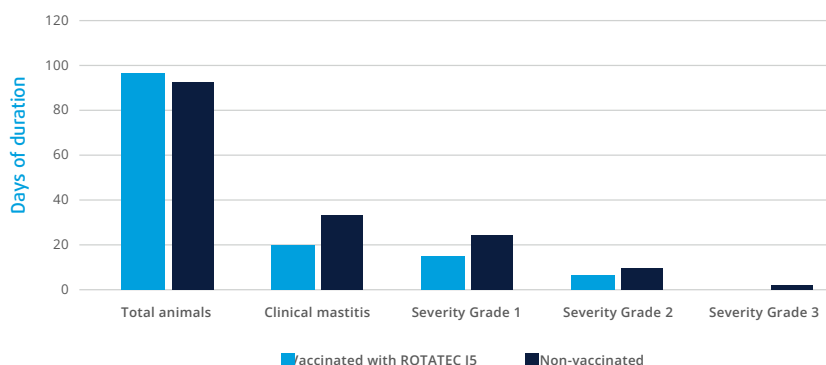
No mortal cases on calves born from vaccinated cows. Significant reduction of diarrhoea cases.





Results of the strategic immunization during pregnancy with **ROTATEC J5** to reduce Coliform Mastitis in early lactation.

Trial B in cows

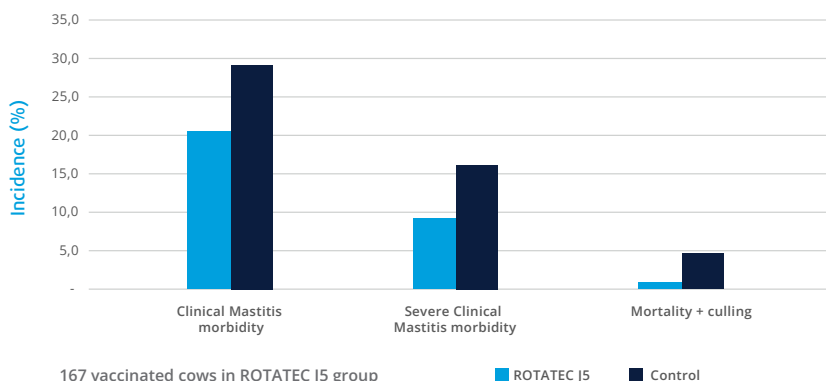


Trial B in dairy cows:
Molina et al., 2013. Pesq. Vet. Bras. 33(3)

Incidence and severity of clinical mastitis cases were reduced.

Severity Grade 1: only visible alterations in the milk;
Severity Grade 2: presence of clots and inflammation in the udder;
Severity Grade 3: presence of clots, udder inflammation and systemic involvement. Bradley & Green, 2001.

Trial C in dairy cows



167 vaccinated cows in ROTATEC J5 group
170 non-vaccinated cows in control group

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

Incidence and severity of clinical mastitis were reduced.
Both death and culling of milking cows due to Coliform Mastitis were reduced.

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

Technical Information

Composition:

Bovine Rotavirus G6 and G10
Escherichia coli J5

Dosage and administration route:

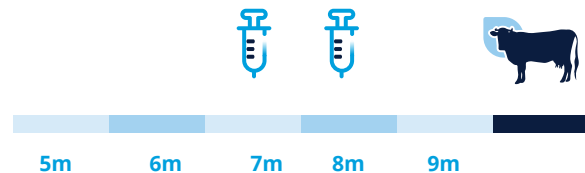
3 mL by the intramuscular or
subcutaneous

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

Vaccination Strategy

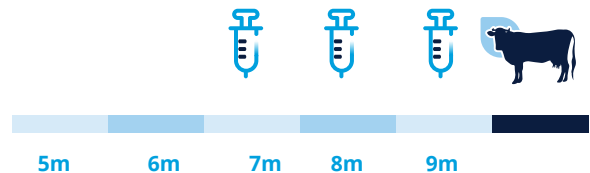
PREVENTION OF CALF DIARRHOEA SYNDROME

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



PREVENTION OF COLIFORM MASTITIS IN MILKING COWS

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



Benefits for farmers implementing ROTATEC J5 strategic vaccination

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 Diarrhoea Syndrome and Mastitis.

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