



492 Research paper

**Concomitant vaccination of cows and awareness to colostrum distribution: positive impacts on veal calves strength**

by Mounaix B., Chantepedrix M., Jozan T. and S. Assie  
2020 Rencontres Recherches Ruminants : Session santé

In **Significant Impact Groups:**

Pathogen management \ Vaccination                      Biosecurity

Species targeted: Beef; Dairy;

Age: Young; Adult;

**Summary:**

The impact of the concomitant vaccination of cows to protect the young calf against neonatal diarrhoea and respiratory diseases was tested: in 40 dairy farms, 819 dams were vaccinated at drying with recommendation to distribute to their calf 4L of colostrum within 6 hours after calving. 211 calves of those vaccinated cows and 214 calves without known history were compared in 10 veal calves fattening farms. Within the first 45 days, calves from vaccinated cows received 1 antibiotic treatment less than other calves and less antibiotic matter. The impact was visible from the arrival at fattening unit: 1.8 less risk for vaccinated cow calves to show clinical respiratory disease, and a higher weight (1 kg) at equivalent ages. As a consequence, the mortality of calves from vaccinated cows was lower.

*492 Research paper - Mounaix - 2020 - Concomitant vaccination of cows and awareness to colostrum distribution: positive impacts on veal calves strength*

**Where to find the original material:**

[http://www.journees3r.fr/spip.php?article4725;](http://www.journees3r.fr/spip.php?article4725)

Country: FR