



357 Research paper

Comparison of three protocols of vaccination against Bovine Respiratory Disease in fattening commercial farms

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In **Significant Impact Groups:**

Pathogen management \ Vaccination

Species targeted: Beef;

Age: Young;

Summary:

Three protocols of vaccination against Bovine Respiratory Disease (BRD; Bovilis Bovigrip®) for young Charolais cattle were conducted in commercial feedlots to identify respective benefits. The average daily gain was significantly higher ($p < 0,05$) when animals were completely vaccinated (2 shots) at breeding farms (early vaccination) compared to those where part of the vaccination was done at the assembly center (intermediate vaccination). The number of cattle which were observed as sick by farmers was low in average, as well as the proportion which were treated by them ($< 15\%$ /lot) but no significant difference could be demonstrated between protocols. In the context of reducing medication inputs, this experiment suggests the benefits to vaccinate cattle at the breeding farm to prevent and decrease BRD incidence in feedlots.

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Where to find the original material:

http://www.journees3r.fr/IMG/pdf/texte_7_reduction_intrants_b-mounaix-2.pdf;

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