



143 Research paper

Effect of administration of organic acids in drinking water on faecal shedding of E. coli, performance parameters and health in

by De Busser, E.V., Dewulf, J., De Zutter, L., Haesebrouck, F., Callens, 2011 The Veterinary Journal 188: 184-188

In **Significant Impact Groups:**

Water \ Water additives

Species targeted: Pigs;

Age: Young;

Summary:

This study evaluated the effect of altering the pH of drinking water on Escherichia coli in nursery piglets under field conditions as well as their performance parameters and health. This study indicates that acidification of the drinking water to a low pH can be helpful to reduce the E. coli load in nursery pigs and may be used in herds affected with post-weaning diarrhoea. As our study was performed in one herd only, further investigations are needed to confirm the findings and to determine the effects of different pH values of the drinking water on average daily feed intake (DFI), Daily weight gain (DWG), Feed conversion ratio (FCR) and clinical parameters.

143 Research paper - De Busser - 2011 - Effect of administration of organic acids in drinking water on faecal shedding of E. coli performance parameters and health in nursery pigs

Where to find the original material:

<https://www.sciencedirect.com/science/article/pii/S1090023310001140>;

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