



487 Research paper

Removing prophylactic antibiotics from pig feed: how does it affect their performance and health?

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In Significant Impact Groups:

AMU reduction strategies \ None Feed / gut health

Species targeted: Pigs;

Age: Not stated;

Summary:

The pig industry uses more medication (mg of active ingredient / population correction unit) than other livestock sectors, especially during the weaning period when pigs face several challenges and stressors including

changes in diet, separation from the sow and re-mixing. These changes stress the animals and compromise their immune system, making them more susceptible to infectious agents.

This study conclusion suggests that the removal of prophylactic in-feed antibiotics is possible with only minor reductions in productive performance and health which can be addressed by improved husbandry and use of parenteral antibiotics.

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Where to find the original material:

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6390319/pdf/12917_2019_Article_1808.pdf;

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