



381 Research paper

Effects of dietary hop β -acids or colistin on the performance, nutrient digestibility, and intestinal health of weanling pigs

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In **Significant Impact Groups:**

Prudent use AB \ Farmer

Species targeted: Pigs;

Age: Young;

Summary:

Colistin is still often used outside the European Union as antibiotics to improve animal performance and health. Because first signs on antimicrobial resistance for colistin are seen, the scientific world is urgently looking for replacement of colistin as well as to find substitutes for zinc oxide in the European Union. Hops, known for their interactions with microbial cell structures, can offer a solution. This article describes and benchmarks hop extracts (β -acids) for that purpose, and came to interesting findings. When applied in nutrition for piglets, they observed improved performance (daily weight gain, daily feed conversion ratio), mainly by improved nutrient digestibility and intestinal health.

381 Research paper - Sbardellaa - 2016 - Effects of dietary hop B-acids or colistin on the performance nutrient digestibility and intestinal health of weanling pigs

Where to find the original material:

<https://www.sciencedirect.com/science/article/abs/pii/S0377840116301420?via%3Dihub>;

<http://dx.doi.org/10.1016/j.anifeedsci.2016.04.007>

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