



501 Industry Innovation

No zinc and no antibiotics in pig management

by Petr McKenzie

In **Significant Impact Groups:**

Feed / gut health \ Feed additives and supplements

Species targeted: Pigs;

Age: Young;

Summary:

In this paper McKenzie shares his journey with the impact of E.coli on pig management - eventually without antibiotic and zinc oxide use.

After years of veterinary practice, he came to the following regime that results in more good live pigs and heavier pigs at 4 weeks post weaning with minimal or zero injectable antibiotic and no need for zinc oxide:

-Attention to detail

-All-in-all-out and hygiene

-Quality weaner diet consisting of

oLess than 18.5% protein;

oEuropean programme of coated butyric, formic and citric acid and Bacillus PB6

oKorean programme of Algal immune stimulant.

The programme is usually cheaper than Zinc plus some antibiotics. Some farmers have been on the programme for over a year with success. Remove ZnO gently - if management is not as good as expected, and you have a very pathogenic E. coli, then E.coli may triumph over lack of ZnO.

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Where to find the original material:

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Country: AU (Australia)