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Non-antibiotic approaches for disease prevention and control in beef and veal production: a scoping review

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In **Significant Impact Groups:**

Feed / gut health \ Feed additives and supplements Specific

Species targeted: Beef;

Age: Young;Adult;

Summary:

A scoping review (systematically map the literature with regard to the extent, range, and nature of the existing research) on non-antibiotic interventions in the form of products or management practices that could potentially reduce the need for antibiotics in beef and veal animals living under intensive production conditions was conducted. The objectives of this review were 3-fold: first, to examine and describe the range and nature of research on nonantibiotic approaches that may ultimately reduce the need for medically important antibiotics to prevent, control, or treat illnesses in beef and veal production; second, to identify areas where the available literature may support systematic reviews that could summarize the effect of specific non-antibiotic approaches within the broader topic area; and third, to identify knowledge gaps where additional primary research might provide valuable insight into the effectiveness of different specific nonantibiotic approaches. The four most frequent interventions included non-antibiotic feed additives, vaccinations, breed type, and feed type.

Where to find the original material:

https://www.cambridge.org/core/article/nonantibiotic-approaches-for-disease-prevention-and-control-in-beef-and-veal-production-a-scoping-review/A35597B697F6D1094C424E34B49A3D71;
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