



191 Research paper

A Comparison of Pig Farmers' and Veterinarians' Perceptions and Intentions to Reduce Antimicrobial Usage in Six European

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In **Significant Impact Groups:**

Prudent use AB \ Farmer AMU reduction strategies

Species targeted: Pigs;

Age: Young;Adult;

Summary:

To manage the antimicrobial (AM) resistance problem, the usage of AM should be reduced in pig farming, as well as in other areas. A mail survey among pig farmers (N = 1,294) and an online survey among veterinarians (N = 334) was done in Belgium, Denmark, France, Germany, Sweden and Switzerland. The results showed that farmers and veterinarians had similar perceptions of the risks and benefits of AM usage. Veterinarians were more optimistic than pig farmers about reducing AM usage in pig farming. Farmers believed that their efficacy over AM reduction was relatively high. Farmers' intention to reduce AM usage and veterinarians' self-reported reduction behaviors were connected with factors concerning the feasibility of reducing AM usage. To promote prudent AM usage, pig farmers should learn and experience how to reduce usage by applying alternative measures, whereas veterinarians should strengthen their advisory role and competencies to support and educate farmers.

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Where to find the original material:

<https://www.ncbi.nlm.nih.gov/pubmed/26890125>; <https://doi.org/10.1111/zph.12260>

Country: BE; CH; DK; SE; FR, DE