

# **KNOWLEDGE, ATTITUDE AND PERCEPTION OF ANTIBIOTIC USE AND ANTIBIOTIC RESISTANCE AMONGST DAIRY FARMERS IN TRINIDAD AND TOBAGO.**

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Antibiotics are widely used in veterinary medicine which contributes to the growing, global concern for antibiotic resistance. Unfortunately, there is insufficient research surrounding farmers' understanding of the use of antibiotics and antibiotic resistance in Trinidad and Tobago. A survey was distributed to dairy cattle farmers around Trinidad to investigate and gain insight into the knowledge, attitude, and perception of antibiotic use and antibiotic resistance amongst dairy farmers in Trinidad and Tobago. Some notable observations from the responses showed that the majority of participants do not fully understand the concept of antibiotic resistance. Additionally, farmers with a larger dairy cattle herd are less likely to liaise with veterinarians as it pertains to antibiotic use, compared to smaller farms. Dairy farmers becoming more informed about antibiotic resistance will be highly beneficial to dairy cattle, humans and the environment, due to the direct correlation to the One Health concept.

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