



263 Research paper

The frequency of use of antibiotics (IFTA): one indicator of sustainability of livestock breeding

by Fortun-Lamothe, L., Courtadon, H., Croisier, A., Gidenne, T., Combes, 2010 14. Journées de la Recherche Cunicole. : Not available

In Significant Impact Groups:

AMU reduction strategies \ Monitoring and surveillance Antibiotic

Species targeted: Other;

Age: Not stated;

Summary:

We defined an indicator of sustainability to evaluate the practices of antibiotic supplementation in rabbit breeding. The frequency of use of antibiotics was defined as 'Index de Fréquence des Traitements par les Antibiotiques' (which can be translated as Index of Frequency of Antibiotic Treatments) The IFTA corresponded to the number of treatments received per animal and day during a reference period. It was declined for the growing rabbits (IFTAc and referred to the life of the animal) and for the reproductive females (IFTAr, and referred to a cycle of reproduction). It varied between 0 and 3 and must be expressed with two decimals to be sensitive to one day of treatment with one antibiotic molecule. For 57 breeding units studied, IFTAc was of 0.86 ± 0.34 and IFTAr of 1.44 ± 0.74 . The IFTA aims to be user-friendly, reaching a compromise between relevance, sensitivity and simplicity.

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Where to find the original material:

<https://hal.inrae.fr/hal-02750406>;

Country: FR