



Effect of temperature-humidity index (THI) on the performance of rabbits (*Oryctolagus cuniculus*) in the humid tropics [

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text (article)

Analítica

This study was carried out to evaluate the effect of temperature-humidity index (THI) on rabbit husbandry performance in Benin City, Nigeria. The experiment was conducted using a total of 60 rabbits (50 does and 10 bucks) selected from a composite rabbit breed population. Data on ambient temperature and relative humidity were used to estimate temperature-humidity index (THI) for months and seasons. Data on rectal temperature (RT), respiratory rate (RR), pulse rate (PR), litter size at birth (LTSB), litter size at weaning (LTSW), gestation length (GLT); total number of kits born (TKB), pre-weaning mortality (PWM), percentage conception rate (PCR), post-weaning mortality (PPW), total number of kits that reached maturity (TNAM) were obtained. Inferential statistics was done by subjecting the data to analysis of variance (ANOVA) to determine the influence of temperature-humidity index (THI) on performance of rabbits. Results obtained showed that season THI had significant influence (p

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