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**LIVESTOCK PRODUCTION AND RURAL  
DEVELOPMENT FOR BETTER LIFE IN THE  
NINETIES**

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FACTORS AFFECTING TEMPERAMENT IN ZEBU AND FRIESIAN-ZEBU CROSSBRED CATTLE

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The influence of breed, sex, season, age, liveweight and body condition on temperament scores was investigated. All variables, except age, had significant ( $P < 0.05$ ) effect on temperament. Progeny of crossbred dams had lower temperament than those of purebred Zebu dams. Female animals had higher temperament and so also were animals with better body condition. Temperament was lowest in the hot, dry season. Phenotypic correlations between measurements of temperament were positive and significant ( $P < 0.05$ ), with vigour of movement having the highest correlation with the overall temperament score. Liveweight was negatively correlated with temperament while there was a positive correlation between temperament and body condition. Regression equations for predicting overall temperament using vigour of movement are presented.