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PROGRAMME AND BOOK OF ABSTRACTS

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

CONGREGATION HALL, CITY CAMPUS
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SULTAN ABUBAKAR ROAD,
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THE ESTIMATION OF LIVEWEIGHT OF CALVES FROM BODY MEASUREMENTS WITHIN DIFFERENT GENETIC GROUPS

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Body weight, chest girth, body length and wither height measurements were monitored on 731 animals comprising 228 Bunaji or White Fulani (WF), 70 Sokoto Gudali (SG), 380 Friesian x White Fulani (Fr x WF) and 53 Charolais x Sokoto Gudali (Ch x SG0 calves over a 24-month period. The effects of breed, sex, season, age and body condition on these measurements were also investigated. All variables except sex, had significant ($P < 0.001$) effect on body measurements. Sex differences were significant ($P < 0.05$) only for wither height.