

Study of linear body measurement and body weight of Marathwadi buffalo

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Abstract : The study was conducted in Hingoli districts of Marathwada region in Maharashtra. Data was collected on 1008 Marathwadi buffalo animals of different age groups, where 990 were female buffalo and 18 were breeding bull. The linear body measurement and body weight of buffalo in five age groups (0-3, 4-12, 12-24, 24-36 and above 36 months) were recorded. The LSM of chest girth of five age groups of female buffalo were 76.06 ± 0.60 , 96.52 ± 0.88 , 119.07 ± 0.94 , 141.51 ± 1.46 and 171.64 ± 0.56 and that of breeding bull were noted as 175.27 ± 0.56 cm. The LSM of body length of five age groups of female buffalo were 64.72 ± 0.42 , 76.09 ± 0.65 , 98.56 ± 0.44 , 107.67 ± 0.84 and 126.07 ± 0.29 and that of breeding bull were noted as 129.83 ± 0.71 cm. The LSM of height at wither of five age groups of female buffalo were 71.04 ± 0.54 , 85.26 ± 0.72 , 104.24 ± 0.59 , 113.35 ± 0.82 and 122.93 ± 0.26 and that of breeding bull were noted as 126.43 ± 0.60 cm. The LSM of body weight of five age groups of female buffalo were as 34.43 ± 0.78 , 67.07 ± 1.63 , 130.10 ± 2.52 , 202.03 ± 5.58 and 345.15 ± 2.73 and that of breeding bull were noted as 367.19 ± 3.72 cm.

Key words : Marathwadi , Buffalo, Measurement and body weight

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