

HORSE BODY MASS ASSESSMENT ACCORDING TO ITS DIMENSIONS

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Summary. A total of 204 horses of different breeds have been weighed and measured in steed stables of Lithuania. The data of their weight were checked against to the formula suggested by H. Meyer for determining the mass according to body measurements. The mass of the horses obtained by weighing them was only 2,74 % larger than that obtained by the formula ($p < 0,001$). A high correlation coefficient ($r = 0,946$; $p < 0,01$) was determined between the actual and the calculated mass.

Keywords: the dimensions of body, an index of measurements, horse breeds, the correlation coefficients.