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RESEARCH ARTICLE.....

Study on physiological changes of Malvi bullocks during carting bullock drawn sprayer

S.P.S. SOMVANSHI, R. GUPTA, H.P. SINGH AND VENKATA SATISH KUCHI

ABSTRACT..... The present study was undertaken to evaluate physiological changes of Malvi bullocks during carting bullock drawn sprayer in soybean. Four healthy Malvi breed bullocks owing 6 to 8 years of age were selected for carting operation research work under Front Line Demonstration (FLD) during 2012-13-2013-14, at village Surkheda of Mandasaur (M.P.) There was a significant ($P < 0.01$) increase in all the three physiological parameters (respiration rate, pulse rate and body temperature) as compared to their pre-work values.

KEY WORDS..... Malvi breed, Physiological response, Bullock drawn sprayer, Physical behavioural

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