



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 Mandsaur (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

HOW TO CITE THIS ARTICLE - Somvanshi, S.P.S., Gupta, R., Singh, H.P. and Kuchi, Venkata Satish (2017). Study on physiological changes of Malvi bullocks during carting bullock drawn sprayer. *Asian J. Animal Sci.*, 12(2): 117-119. DOI : 10.15740/HAS/TAJAS/12.2/117-119.

ARTICLE CHRONICLE - Received : 30.05.2017; Revised : 05.11.2017; Accepted : 19.11.2017

Author for Corresponding -

S.P.S. SOMVANSHI
Krishi Vigyan Kendra (RVSKVV),
MANDSAUR (M.P.) INDIA
Email : surya.somvanshi@gmail.com

See end of the article for

Coopted authors'