



*RESEARCH PAPER*

## Study on various breeds of buffalo milk's chemical properties in Satna, Madhya Pradesh

U.K. Shukla\* and Muskan Shrivastava

Natural Resource Management, Faculty of Agriculture, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna, (M.P.) India

**Abstract :** The present work was undertaken to know study on various breeds of buffalo milk's chemical properties in Satna, Madhya Pradesh. In all 40 milk buffaloes were selected for collection of milk samples. The buffaloes were selected from Bhalla Dairy Farm Satna Madhya Pradesh, also analyzed livestock production and management (Unit) Department of natural resource management (NRM) faculty of agriculture Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya Chitrakoot, Satna (MP). The data recorded during the course of investigation was subjected to statistical analysis by "Analysis of variance technique". The significant and non-significant treatment effects were judged with the help of 'F' (variance ratio) table. The significant differences between the means were tested against the critical difference at 5% probability level. For testing the hypothesis, the following ANOVA table was used. It is concluded that the chemical properties of Marathwadi, Jaffarabadi and Surti buffalo milk not differ significantly under the condition of Madhya Pradesh region in respect of its breed averages.

**Key Words :** Breeds, Buffalo milk, Surti

**View Point Article :** Shukla, U.K. and Shrivastava, Muskan (2024). Study on various breeds of buffalo milk's chemical properties in Satna, Madhya Pradesh. *Internat. J. agric. Sci.*, 20 (2) : 419-425, DOI:10.15740/HAS/IJAS/20.2/419-425. Copyright@ 2024: Hind Agri-Horticultural Society.

**Article History :** Received : 15.03.2024; Revised : 01.04.2023 Accepted : 11.04.2024