

A comparative study of chemical qualities of raw milk of cow and buffalo

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ABSTRACT : A comparative study of chemical qualities of raw milk of cow and buffalo was conducted at Chitrakoot-Satna (M.P.), the objective was to find out the comparison between chemical quality of cow and buffalo's milk for three animal each viz. cow and buffalo for ten days as replication different parameter were subject to statistical analysis applying the technique of analysis of variance (F-test). The most widely used method for determining protein content by kjeldahl method for nitrogen determination. Since nitrogen is a characteristic element in protein by its accurate determination protein characteristics can be found. All the animal showed considerable variation regarding the principal components in milk. In earlier studies buffalo milk showed advantage compared to cow's milk regard to milk components in view of the finding and results presented above, in Feb. to March it can be concluded that the chemical quality of milk of buffalo was superior to cow milk.

Key Words : Raw milk, chemical quality, cow and buffalo, nitrogen determination, protein determination .