



RESEARCH ARTICLE.....

# Influence of mineral mixture feeding in indigenous cattle

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**ABSTRACT.....** The field assessment of mineral mixture conducted in Dhule district of Maharashtra State, to perceive the influence of mineral mixture feeding on milk yield and fat content in indigenous cattle. Cow animals were selected randomly from two villages of Dhule district, one is from Dhule Tahsil (Mohadi) and second one is from Sindkheda Tahasil (Tavkheda), respectively. 26 cows were selected third stage of lactation and divided into two groups of 13 animals in each village. First group treatment  $T_1$  not fed additional mineral mixture, which is farmers practice in that particular area. Second group treatment  $T_2$  fed with 80 g mineral mixture daily until 90 days of lactation. This assessment conducted during year 2019-20 and 2020-21, respectively. In result it was observed from the result, the yield of milk is more in treatment  $T_2$  (20.27 %) over treatment  $T_1$ . In respect to fat percentage, treatment  $T_2$  had shown slightly more fat content (3.77 %) over rest of the farmers practices  $T_1$ . In conclusion mineral mixture supplementation resulted in increased milk yield. However, no significant effect observed on milk components particular to fat during this feeding trial.

**KEY WORDS.....** : Mineral mixture, Cattle, Milk, Fat

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