

# Studies on chemical composition of *Rabri* prepared from buffalo milk blended with khajur (*Phoenix dactylifera*) crush

S. S. Kahandal, R. R. Shelke, P. A. Kahate and S. R. Munnarwar

The present investigation on studies on chemical composition of *Rabri* prepared from buffalo milk blended with khajur (*Phoenix dactylifera*) crush was conducted during the year 2018-2019 at Department of Animal Husbandry and Dairy Science, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola with a view to study the chemical composition of khajur *Rabri*. The chemical composition of khajur *Rabri* was determined, in respect to fat, protein, total sugar, ash, moisture and total solid. Present investigation was carried out with five treatments and five replications. The treatment details were T<sub>1</sub> control sample, T<sub>2</sub> (97 % *Rabri* + 3 % khajur crush), T<sub>3</sub> (94 % *Rabri* + 6 % khajur crush), T<sub>4</sub> (91 % *Rabri* + 9 % khajur crush), and T<sub>5</sub> (88% *Rabri* + 12 % khajur crush). During the chemical analysis it was revealed that the fat content of khajur *Rabri* was 19.88, 19.20, 18.09, 17.17 and 16.26. 17.02, 17.15, 17.28, 17.41, 17.53, ash content was 3.02, 2.91, 2.73, 2.62, 2.51, moisture content was 44.18, 43.75, 43.26, 42.88, 42.26 and total solids content was 55.82, 56.25, 56.74, 57.12, 57.74, for the treatment T<sub>1</sub>, T<sub>2</sub>, T<sub>3</sub>, T<sub>4</sub> and T<sub>5</sub>, respectively. In short fat, protein and ash were normally decreased while total sugar, moisture and total solid were increased with increase in levels of khajur crush.

**Key Words :** Buffalo milk, Khajur crush, *Rabri*, Blending, Chemical composition

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## MEMBERS OF RESEARCH FORUM

### Author for correspondence :

**R.R. Shelke**, Department of Animal Husbandry and Dairy Science,  
Dr. Panjabrao Deshmukh Krishi Vidyapeeth, **Akola (M.S.) India**  
Email: [rrspkv@gmail.com](mailto:rrspkv@gmail.com)

### Associate Authors' :

**S. S. Kahandal, P.A. Kahate and S.R. Munnarwar**, Department of  
Animal Husbandry and Dairy Science, Dr. Panjabrao Deshmukh Krishi  
Vidyapeeth, **Akola (M.S.) India**