

REVIEW ARTICLES

Dairy cattle welfare in India: A review

Chandan Kumar, Madan Lal Kamboj, Subhash Chandra and Amit Kumar.....85

Role of niacin supplementation in dairy cattle: A review

S. Panda, N. Panda, K.K. Panigrahy, S.K. Gupta, S.P. Mishra and M. Laishram.....93

DAIRY SCIENCE

A study on the antimicrobial resistant patterns of *Pseudomonas Aeruginosa* isolated from raw milk samples in and around Tirupati, Andhra Pradesh.

C.S. Swetha, A. Jagadeesh Babu, K. Venkateswara Rao, S. Bharathy,
R.A. Supriya and T.Madhava Rao.....100

Selection of levels of Ingredients for the preparation of milk-coconut sweet based on sensory and instrumental colour attributes

Bhopal Singh, Kaushik Khamrui, Jui Lodh, Anindita Debnath and Writdhama Prasad.....106

Evaluation of quality and stability of chhana whey beverage fermented with lactic acid bacteria

Priti Saha, P.R. Ray and Tanmay Hazra.....112

Effect of banana (*Musa paradisiaca*) pseudostem juice on proteolytic and lipolytic changes in cow milk (*Musa paradisiaca*) during storage

Pinaki Ranjan Ray, Pijusanti Ghatak, Chaitali Chakraborty and Soma Maji.....117

Morphometric and carcass characteristics of Jaunpuri breed of goats

Dharmendra kumar, V.K. Singh, Alok Kumar Yadav, Amit Kumar Jha and Jitendra Singh.....122

Effect of *Aloe vera* juice incorporation on textural and sensory characteristics of fresh *peda*

Keerthi Srikanth, S. Kartikeyan and S. Sharath Kumar.....127

Effect of temperature and time on some physical characteristics of *Paneer* whey

Pranita Sahu, A.K. Agrawal, Geetesh Sinha, C. Sahu and Ruchi Sahu.....132

Prediction of phenotypic value of lifetime performance traits on the basis of early performance traits in Murrah buffaloes

Kapil Dev, S.S. Dhaka, and A.S Yadav.....137

Determination of mineral constituents of crossbred animals in different season Kranti Sharma, Sushovan Roy, Ashutosh Dubey and Sharad Mishra.....	140
<u>FOOD SCIENCE</u>	
Studies on the development and storage of cocoa -<i>mulhati</i> guava based products Kanika Pawar, D.K. Sharma, M.K. Garg and V.K. Singh.....	143
Comparative studies on dehydration of mint (<i>Mentha arvensis</i>) by open sun drying, solar drying and hot air cabinet drying. Deepak Mehta, Alka Sharma, Neha Yadav, Tanweer Alam and Aastha Bhardwaj.....	150
Amino acid analysis of cocoa fermented by High Performeance Liquid Chromatography (HPLC) Mulono Apriyanto, Sutardi, Supriyanto and Eni Harmayani.....	156
Effect of storage conditions and duration on quality of passion fruit (<i>Passiflora edulis</i> Sims.) nectar S.M. Charan, Saji Gomez, K.B. Sheela, P.B. Pushpalatha and K.T. Suman.....	161
Studies on absorption of nutrients using intestinal sacs of rats fed on different diets D.R. Sood, Shahina Kalim and Rajat Sood.....	166
Evaluation of sensory and nutritional properties of multigrain porridge Shikha Singh, AnishaVerma and Neeru Bala.....	170
Sensory and nutritional evaluation of beans potato vegetables Mamta Rani and Darshan Punia.....	173
Esteemed reviewers of this issue.....	177
Author index of this issue.....	177
Key words index of this issue.....	178