

# International Journal of Current Microbiology and Applied Sciences (IJCMAS) NAAS RATING-5.38, ICV-95.39

ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online)

An International, Monthly, Online, Free Access, Peer Reviewed,  
Indexed, fast track Scientific Research Journal

## Certificate of Publication

This is to certify that the following article reviewed by editorial board and published in International Journal of Current Microbiology and Applied Sciences (IJCMAS) ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online).

Int.J.Curr.Microbiol.App.Sci.2018.7.(9):1451-1460

<https://doi.org/10.20546/ijcmas.2018.709.174>

Effect of Dietary Betaine on Reproductive Performance of Karan Fries Cows during Hot Humid Season

Nitin Raheja<sup>1\*</sup>, Nishant Kumar<sup>1</sup>, Brijesh Patel<sup>2</sup> and S.S. Lathwal<sup>3</sup>

<sup>1</sup>Animal Reproduction, Gynaecology and Obstetrics

<sup>3</sup>Livestock Production and Management Section, ICAR-National Dairy Research Institute, Karnal (Haryana) -132001, India

<sup>2</sup>Livestock Production and Management Section, ICAR-Indian Veterinary Research Institute, Izatnagar– Bareilly (UP) -243122, India

*Dr. M. Prakash*  
*Editor-in-chief*

*International Journal of Current Microbiology and Applied Sciences*

[www.ijcmas.com](http://www.ijcmas.com)

[www.excellentpublishers.com](http://www.excellentpublishers.com)



© International Journal of Current Microbiology and Applied  
Sciences (IJCMAS)

[www.excellentpublishers.com](http://www.excellentpublishers.com) [www.ijcmas.com](http://www.ijcmas.com)