

**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.(5):763-769

<https://doi.org/10.20546/ijcmas.2018.705.093>

Effect of Organic Cu and Zn on the Performance of Pre-Ruminant Buffalo Calves

Harmanpreet Singh<sup>1</sup>, R.S. Grewal<sup>1\*</sup>, Simarjeet Kaur<sup>2</sup>, Jasmine Kaur<sup>1</sup>, Chanchal Singh<sup>3</sup>, J.S. Lamba<sup>1</sup> and Puneet Malhotra<sup>2</sup>

<sup>1</sup>Department of Animal Nutrition

<sup>3</sup>Department of Veterinary Physiology and Biochemistry, GADVASU, Ludhiana, Punjab, India

<sup>2</sup>Directorate of Livestock Farms, GADVASU, Ludhiana, Punjab, 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)