

**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.2019.8.(8):2480-2484

<https://doi.org/10.20546/ijcmas.2019.808.288>

Relationship between Season and Semen Quality in Crossbred Bull Semen

M.M. Revathy^{1*}, R.S. Abhilash², C. Jayakumar², P.K. Magnus², K. Raji³ and J. James⁴

¹Department of Animal Reproduction, Gynaecology and Obstetrics, College of Veterinary and Animal Sciences, Mannuthy, Thrissur- 680651, India

²Department of Veterinary Physiology, CVAS, Mannuthy, India

³Managing Director, Kerala Livestock Development Board, India

Dr. M. Prakash
Editor-in-chief

International Journal of Current Microbiology and Applied Sciences

www.ijcmas.com

www.excellentpublishers.com



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

www.excellentpublishers.com www.ijcmas.com