

THE INDIAN VETERINARY JOURNAL

(Official organ of the Indian Veterinary Association)

Vol. 92

September 2015

No. 09

CONTENTS

GENERAL ARTICLES :

Comparison Between Probiotic and Prebiotic on Rumen Metabolites and Microbial Population in Lambs A.K. Samanta, B. Sharath, Natasha Jayapal, A.P. Kolte, S. Senani, Manpal Sridhar and C.S. Parsad	... 11
Prognostic Significance of Mitotic Index in Canine Cutaneous Tumours V. Kumar, S. Hemalatha, C. Balachandran, Ganne Venkata Sudhakar Rao and R. Jayaprakash	... 14
Influence of Genetic and Non-Genetic Factors on Fortnightly Test-Day Milk Yields and First Lactation 305-Day Milk Yield in Murrah Buffaloes Saroj Kumar Sahoo and Avtar Singh	... 16
Effects of Probiotics Supplementation on Growth and Nutrient Utilization in Female Mehsana Buffalo Calves D.A.Sadrsaniya, A.P.Raval, S.R.Bhagwat and A. Nageshwar	... 20
Nonlinear Growth Model in Rabbits Ninan Jacob, R. Ganesan and D. Sreekumar	... 23
Haemato-Biochemical Alterations in Theileria Infected Postpartum Dairy Cows Swati Choudhury, A.P. Acharya, A. Maity, D. Das and S. K. Panda	... 26
Morphological and Functional Characterization of Buffalo Endometrial Epithelial Cells Cultured <i>In vitro</i> R. Rajkumar, S.K. Agarwal, S.K. Singh and Anuj Kumar	... 30
Genetic Studies on Reproduction Traits in Sahiwal Cattle S. Dhawan, A. S. Yadav, S. S. Dhaka and D. Chakraborty	... 32
Genetic Studies on Production and Production Efficiency Traits in Sahiwal Cattle S. Dhawan, A. S. Yadav, S. S. Dhaka and Dibyendu Chakraborty	... 35
Pulse Oxymetric and Electrocardiographic Studies During Continuous Infusion of Propofol in Dogs Ch.Mallikarjuna Rao, R.V.Suresh Kumar and V. Haragopal	... 38
Effect of Phase Feeding on Growth Performance in Pre-Ruminant Crossbred Calves K.S. Jini, K.M. Syam Mohan, K. Ally and M.T.Dipu	... 41
Morphometry of Tarsal and Metatarsal of Indian Spotted Deer (<i>Axis axis</i>) Shivchand Yadav, Sanjeev Joshi, Rakesh Mathur and Om Prakash Choudhary	... 43
Effect of Xylo Oligosaccharides (XOS) from Rice Bran on Growth Performance of Japanese Quails P. Kanagaraju and A.V.Omprakash	... 47
Effect of Chromium Supplementation on the Growth Performance of Crossbred Pigs Guikinglung Pamei, P. Tensingh Gnanaraj, T. Sivakumar, K. Thilak Pon Jawahar and T. Muthuramalingam	... 50
Evaluation of Biochemical Parameters in Buffalo Calves Exposed to Subacute Nitrate Toxicosis Kamalpreet Kaur Gill, H.S. Sandhu and Rajdeep Kaur	... 53
Effect of Certain Immunomodulators on Serum Haptoglobulin Concentration in Cyclic Non-Breeding Cows Saraswat Sahoo and Debendra Narayan Mohanty	... 56

CLINICAL ARTICLES :

Torticollis in a Calf and its Management Sadananda Nayak, Sidhartha Sankar Behera, Monalisa Behera and Soumyaranjan Pati	... 58
Impact of the Fatty Infiltration of Liver on Fertility in Cattle B.Gowri, S.Prathaban, D.Kathiresan, S.R.Srinivasan and C.Balachandran	... 60
Sporadic Cutaneous Lymphoma in a Hallikar Bullock D.Chandrasekaran, M.Thangapandiyam, Ravi Sundar George, P.A.Enbavelan, C.Balachandran and P.S.Thirunavukkarasu	... 62
Unilateral Mastectomy for Fibrotic Udder and Moist Gangrenous Lacerated Teat in a Goat Mehraj-U-Din Dar, Khadim Hussain Dar, Shahid Hussain Dar and Mehraj-Ud-Din Naikoo	... 63
Treatment of <i>Microsporium canis</i> Infection in a Dog Using a Fungal Vaccine: A Case Report P. Chansiripornchai and N. Chansiripornchai	... 65
Management of Extensive Tounge Laceration in a Cross Bred Bullock Deepak Kumar Kashyap, Saraswat Sahoo and D.K. Giri	... 67

SHORT COMMUNICATIONS :

Uterine Leiomyoma in a Young Female Dog A.Arulmozhi, S.Senthil kumar, S.Dharmaceelan, G.A.Balasubramaniam and R. Madheswaran	... 69
Evaluation of Sire Conception Rate in Sahiwal Breeding Bulls B.C. Naha, A.K. Chakravarty, M.A. Mir and A.K.Gupta	... 70
Prevalence of <i>Salmonella</i> Species from Pork and Slaughter House Environment in Ahmedabad, Gujarat J.H. Chaudhary, J.B. Nayak, M.N. Brahmhatt and P.P. Makwana	... 72
Rank Correlation Study of Test-Day and Lactation Models of Sire Evaluation in Murrah Buffalo Vijay Kumar, A K Chakravarty and Pushp Raj Shivahre	... 74
Cost of Buffalo Milk Production According to Productive Range Meenal Parhad, V.G. Atkare and R.M. Zinjarde	... 75
Co-Occurrence of Marek's Disease and Inclusion Body Hepatitis in a Broiler Parent Stock C. Balachandran, N. Pazhanivel, K. Jayaraman, M. Parthiban, K. Kumanan, R. Sridhar and B. Murali Manohar	... 78
Surgical Management of Uterine Fibro-Leiomyoma with Pyometra in a Bitch Anand Kumar Pandey, R. N. Chaudhary, Gyan Singh, T. C. Jangir, Sandeep Kumar, Deepika Lather, A. K. Shrivastava, Kailash Kumar and Divya Dahare	... 80
Studies on the Occurrence of <i>Cysticercus Fasciolaris</i> (Strobilocercus) Infections in Laboratory Rats (<i>Rattus Norvegicus</i>) in Nagpur S.W. Kolte, Sanweer Khatoon, Afroz Jahan, B. S. Prajapati, N.V. Kurkure and A.G. Bhandarkar	... 82
Pattern of Induced Oestrus and Conception Rate Following Ovsynch Programme in Retained Fetal Membranes Affected and Normally Calved Cows C.Velladurai, R.EzakialNapolean, M.Selvaraju and K.A.Doraisamy	... 84
Effect of Extracts of <i>Crataeva religiosa</i> on Hepatic Markers in Liver Intoxication C.M. Jaikanth, K.V. Venkateswaran, S. Selvasubramanian and P.S.L. Sesh	... 86
Cost and Return Traits of Milk Production in Indigenous and Crossbred Cows of Assam Mukut Das, D. C. Mili, R. Roychoudhury, A. K. Gogoi, M. C. Borah, A. Borgohain and B. N. Saikia	... 88
Author & Subject Index for September, 2015	... 91 & 92