

101	CORRELATION BETWEEN IN VITRO SPERM CHARACTERISTICS WITH CASA AND IN VIVO MURRAH BUFFALO BULL FERTILITY	Suman SUMAN PRADEEP KUMAR P.S. Yadav SHIKHA PAWARIA JASMER DALAL	Suman Sheoran	Poster	raveshsuman24@gmail.com
102	PHENOTYPIC AND GENETIC CORRELATIONS OF LINEAR TYPE TRAITS WITH MILK YIELD OF NILI RAVI BUFFALOES IN PAKISTAN	Maqsood Akhtar Riaz Hussain Mirza Abdul Waheed Musarrat Abbas Khan Syed Muhammad Raihan Dilshad	Maqsood Akhtar	Oral	drmaqsood66@gmail.com
103	MURRAH BUFFALO BULL SPERMATOZOA RELATED TO HISTONE PROTEIN AND HISTONES RELATIONSHIP WITH FERTILITY	SUMAN SHEORAN PRADEEP KUMAR P.S. YADAV SHIKHA PAWARIA SONAM BHARADWAJ	Suman Sheoran	Poster	raveshsuman24@gmail.com
104	PREVALENCE OF NON-TRAUMATIC GASTROINTESTINAL HYPOMOTILITY IN BUFFALOES	SUMAN MANOJ KUSHWAH SUMAN YUDHVIR SINGH RANA VINOD KUMAN JAIN	Suman Sheoran	Poster	raveshsuman24@gmail.com
105	ULTRASONOGRAPHIC EXAMINATION OF BUFFALOES AFFECTED WITH GASTROINTESTINAL HYPOMOTILITY DISORDERS	SUMAN MANOJ KUSHWAH SUMAN YUDHVIR SINGH RANA VINOD KUMAN JAIN	Suman Sheoran	Poster	raveshsuman24@gmail.com
106	EFFECT OF VANADIUM SUPPLEMENTATION ON HAEMATO-BIOCHEMICAL PARAMETERS IN CROSSBRED CALVES	Ravi Prakash Pal Veena Mani Deepika Tripathi Shahid Hassan Mir Ram Kumar Singh Hunny Sharma	Ravi Prakash Pal	Oral	raviprakashpal61@gmail.com
107	ASSESSING ROS SCAVENGERS IN BUFFALOES OF SEMI -ARID TRACTS OF RAJASTHAN	Deeksha Ruchi Maan Taruna Bhati	Deeksha Chahal	Poster	chahald2@gmail.com
108	LOW IN-PUT BUFFALO PRODUCTION SYSTEM IN BANNI AREA OF KACHCHH, GUJARAT	Kunwar Pal Singh P C Lailer A. Dey S S Dahiya Vishal Mudgal	Kunwar Pal Singh	Poster	rishikps@yahoo.com
109	EVALUATION OF MILK FAT AS AN ALTERNATIVE SOURCE OF RNA FROM BUFFALO MILK	Anju Sharma, Yashila Girdhar, Mandeep Kaur, Sonika Ahlawat, Ramesh Kumar Vijh Reena Arora	Reena Arora	Poster	rejagati@gmail.com
134	GENE EXPRESSION PROFILING OF BUFFALO MILK ACROSS THREE STAGES OF LACTATION	Reena Arora, Anju Sharma, Upasna Sharma, Yashila Girdhar, Mandeep Kaur, Sonika Ahlawat and Ramesh Kumar Vijh	Sonika Ahlawat	Oral	reena.arora@icar.gov.in
110	BUFFALOPEDIA – A WEB PORTAL ON SCIENTIFIC BUFFALO PRODUCTION	Sunesh AK Balhara P Sikka KP Singh Inderjeet Singh	Sunesh Balhara	Poster	balharas@gmail.com
146	DEVELOPMENT OF DECISION SUPPORT SYSTEM FOR SELECTION OF DAIRY BUFFALOES	Sunesh AP Ruhil Rishi Pal Singh	Sunesh Balhara	Oral	balharas@gmail.com

111	IMPROVED PREGNANCY IN WATER BUFFALOES THROUGH SYNCHRONIZATION OF OVULATION AND FIXED TIME ARTIFICIAL INSEMINATION TECHNIQUE: INSIGHTS FROM PHILIPPINES	Eufrocina P. Atabay Edwin C. Atabay Excel Rio S. Maylem Ramesh C. Tilwani Ester B. Flores and Annabelle S. Sarabia	Eufrocina Atabay	Oral	bingay2003@yahoo.com
112	IDENTIFICATION OF THERMORESILIENCE OF WATER BUFFALOES IN THE PHILIPPINES USING HSP70 GENE EXPRESSION AND ITS IMPLICATION TO FERTILITY	Excel Rio Maylem Shanemae Rivera Gerald Ramos Eufrocina Atabay Edwin Atabay Emma Venturina	Excel Rio Maylem	Oral	ersmaylem@gmail.com
113	BUFFALO REPRODUCTIVE CAPACITIES IN TAMGIANG LAGOON, QUANG DIEN DISTRICT, THUA THIEN HUE PROVINCE, VIETNAM	Duong Thanh Hai Tran Sang Tao Tomas J Acosta	Duong Thanh Hai	Oral	duongthanhhai@huaf.edu.vn
114	BUFFALO PHYSIOLOGY AND CLIMATE CHANGE CHALLENGES IN INDIA	AK Balhara Deeksha SK Phulia RK Sharma Inderjeet Singh	AK Balhara	Oral	ashok.balhara@icar.gov.in
115	INTEGRATED PACKAGE OF PRACTICES TO MITIGATE THE SEASONALITY AND IMPROVE THE PRODUCTION PARAMETERS OF BUFFALO IN THE CONTEXT OF CLIMATE CHANGE IN NEPAL	Lok Nath Paudel Naba Raj Devkota Chet Raj Upreti Nanda Prakash Joshi Bimal Kumar Nirmal	Lok Nath Paudel	Oral	paudeln2015@gmail.com
116	ISOLATION AND CHARACTERIZATION OF HYPER-AMMONIA-PRODUCING BACTERIA FROM RUMEN OF BUFFALOES	Yendrebam Mery Chanu S.S Paul S.S Paul A Dey S.S Dahiya	SS Paul	Poster	sspaulcirb@gmail.com
117	PRODUCTIVITY OF NATURAL WEEDS AS A SOURCE OF FODDER IN MAIZE-COWPEA MIX-CROPPING IN SUMMER SEASON	SHANKER RAJ BARSILA BIJAYA SAPKOTA NABA RAJ DEVKOTA	SHANKER RAJ BARSILA	Oral	SRBARSILA@AFU.EDU.NP
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119	STUDIES ON CHRONIC ENTERITIS IN BUFFALOES (BUBALUS BUBALIS) WITH SPECIAL REFERENCE TO JOHNE'S DISEASE	POOJA TAMBOLI DEVENDRA SHAKYA AMIT CHAURASIYA ANJANA MANJHI	Pooja Tamboli	Poster	tamboli.pooja307@gmail.com
120	EFFICACY OF TIMED ARTIFICIAL INSEMINATION (TAI) PROTOCOLS IN NEPALESE BUFFALOES	Bhuminand Devkota Shatrughan Shah Gokarna Gautam Naba Raj Devkota Nirajan Bhattarai Yagya Raj Pandeya Deepak Lamsal Chet Narayan Kharel	Bhuminand Devkota	Oral	bdevkota@afu.edu.np
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123	BUFFALO HERDS OF BANNA IN KACHCHH: A SOURCE OF LIVELIHOOD FOR LANDLESS MALDHARIS	P C Lailer K P Singh Principal A Dey S S Dahiya Vishal Mudgal	P C Lailer	Oral	pclailer@gmail.com
124	MINERAL SUPPLEMENTATION IN COMBINATION TO CIDR BASED SYNCHRONIZATION PROTOCOLS IMPROVE THE OESTROUS EXPRESSION AND PREGNANCY RATE IN POSTPARTUM ANESTROUS NILI RAVI BUFFALOES	Usman Ayaz Muhammad Arif Maqsood Akhtar	Usman Ayaz	Oral	usmanayaz1685@gmail.com
125	DIETARY SUPPLEMENTATION OF LIVE YEAST ON DRY MATTER INTAKE, MILK PRODUCTION, BODY CONDITION SCORE AND INCIDENCE OF METABOLIC DISORDERS IN LACTATING NILI RAVI BUFFALOES	Usman Ayaz Muhammad Arif Maqsood Akhtar	Usman Ayaz	Poster	usmanayaz1685@gmail.com
126	IN – SITU CONSERVATION OF BHADAWARI BUFFALOES	Badri Prasad Kushwaha Sultan Singh S B Maity A K Misra K K Singh Inderjeet Singh	Badri Prasad Kushwaha	Oral	bpkush64@gmail.com
127	GROSS ANATOMICAL AND ULTRASONOGRAPHIC STUDIES ON GREAT VESSELS OF HEART IN MALE AND FEMALE BUFFALO	Anuradha Gupta Anuradha Gupta Jatinder Mahindroo Neelam Bansal Varinder Uppal	Himanshu Bhasin	Poster	anugadvasu@gmail.com
128	QUANTIFICATION OF SIALIC ACID IN BUFFALO MILK DURING DIFFERENT STAGES OF LACTATION	Rekha Sharma Himani Sharma Sonika Ahlawat RAKA Aggarwal Ajit Dua M S Tantia	Rekha Sharma	Oral	rekvik@gmail.com
129	EVALUATION OF OVSYNCH PROTOCOL ON REPRODUCTIVE PERFORMANCE OF ANESTRUS BUFFALOES DURING ACTIVE BREEDING SEASON IN NEPAL	Gokarna Gautam Madhav Prasad Acharya Satrughan Sah Yagya Raj Pandeya	Yagya Raj Pandeya	Poster	bdevkota@afu.edu.np
130	CONSTRAINTS PERCEIVED BY THE BUFFALO OWNERS WHILE AVAILING BREEDING SERVICES FROM STATE DEPARTMENT OF ANIMAL HUSBANDARY (SDAH): IN MURRAH BREEDING TRACT OF HARYANA	Rekha Yadav Hema Tripathi Parveen Kumar Naresh Kumar Nukala Ramesh	Rekha Yadav	Oral	rekha04yadav@gmail.com
131	EXPERIMENT ELUCIDATE COGNITIVE ABILITY IN BUFFALO CALVES	RAJASHREE RATH PAWAN SINGH M.L. KAMBOJ S.S.LATHWAL T.K.MOHANTY HIMANI TEWARI	RAJASHREE RATH	Oral	Dr.rajashreerath@gmail.com
135	TRENDS OF AFLATOXIN IN LIVESTOCK FEED AND VARIOUS FEED INGREDIENTS IN PAKISTAN	Rabia Anjum Saba Anwar Hina Tahir Intizar Ahmad Khan	Rabia Anjum	Oral	drrabia.18@gmail.com

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136	ASSOCIATION OF PREPUBERTAL GROWTH RATE WITH AGE AT PUBERTY IN NILI RAVI HEIFERS	Madiha Gohar Burhan e Azam Muhammad Qamer Shahid	Madiha Gohar	Oral	drmedihasaleem09@yahoo.com
137	IMPACT OF CLIMATE CHANGE AND GLOBAL WARMING ON VECTOR-BORNE DISEASES	Sandip Kumar Khurana Sarita Yadav Ashok Kumar Bura	Sandip Khurana	Oral	sandipkk2003@yahoo.co.in
138	FIRST DRAFT GENOME SEQUENCE OF TRUEPERELLA PYOGENES STRAIN BU5 ISOLATED FROM WATER BUFFALO	Rajesh Kumar Vaid Taruna Anand T. Riyesh B C Bera Shanmugasundaram,K N Rana	Rajesh Kumar Vaid	Oral	rk_vaid@yahoo.com
139	ITRAQ BASED QUANTITATION OF PROTEINS IN WATER BUFFALO (BUBALUS BUBALIS) SALIVA FOR IDENTIFICATION OF ESTRUS BIOMARKER	Rubina K. Baithalu Shashikumar, N.G S. Bathla S.A. Ali P Rawat A.K. Mohanty	Rubina Kumari Baithalu	Oral	rbaitthalu@gmail.com
140	INFLUENCE OF DISTILLERS DRIED GRAIN SOLUBLES (DDGS) ON INTAKE, NUTRIENTS DIGESTIBILITY AND MILK PRODUCTION OF DAIRY BUFFALOES	Daniel L. Aquino, Animal Nutrition Cherry Anne P. Alvaran Irene J. Domingo	Daniel Aquino	Oral	dalla_1358@yahoo.com
141	GENETIC STUDIES ON PRODUCTION AND REPRODUCTION TRAITS IN MURRAH BUFFALOES	Vikram Jakhar A.S.Yadav S.S. Dhaka	Vikram Jakhar	Oral	vjakhar61@gmail.com
143	ESTIMATION OF EFFECT OF NON GENETIC FACTORS ON PRODUCTION PERFORMANCE TRAITS IN MURRAH BUFFALOES	Vikram Jakhar A.S. Yadav S.S. Dhaka	Vikram Jakhar	Poster	vjakhar61@gmail.com
142	THE EFFECTS OF SELENIUM SUPPLEMENTATION ON THE PRODUCTION OF SPERMATOZOA AND SEMEN QUALITY OF RIVERINE BUFFALOES	Daniel L. Aquino Maorin Mari Santos Ma. Elizabeth Leoveras Eduard Paraguison Emma Venturina	Daniel Aquino	Poster	dalla_1358@yahoo.com
144	ADOPTION SCORES FOR BUFFALO-BASED TECHNOLOGIES IN THE PHILIPPINES AS INFLUENCED BY SOCIO-ECONOMIC, TECHNOLOGICAL, COMMUNICATION, AND INSTITUTIONAL FACTORS	Eric P. Palacpac Erwin M. Valiente Rovelyn T. Jacang Ma. Teresa M. Manito	Eric Palacpac	Oral	ericclap@gmail.com
145	KEY CONSTRAINT TO GROWTH IN MILK PRODUCTION: LACK OF INFORMATION	Selvarajan Rajeshwaran	Selvarajan Rajeshwaran	Oral	<a href="mailto:dr.waran@gmail.com">dr.waran@gmail.com</a>
147	Role of Agriculture and Forestry University on Buffalo Research in Nepal	Ishwari Prasad Dhakal, Bhuminand Devkota, Naba Raj Devkota, Subir Singh	Ishwari Prasad Dhakal	LEAD PAPER	<a href="mailto:vc@afu.edu.np">vc@afu.edu.np</a>
148	Characterization and Validation of Point Mutation in MBL1 gene and its relationship with Mastitis in Murrah Buffalo (Bubalus bubalis)	Ankit Magotra, Kamaldeep	Ankit Magotra	Oral	<a href="mailto:ankitoms@gmail.com">ankitoms@gmail.com</a>

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150	EFFECT OF DEGREE OF SKIN WHITENESS ON PRODUCTIVE AND REPRODUCTIVE PERFORMANCE IN NILI-RAVI BUFFALO	MANOJ K. TRIPATHI, Mustafa H. Jan, Sanjay Kumar, K.L. Mehrara, Sajjan Singh, Inderjeet Singh	Mustafa H. Jan	Oral	<a href="mailto:mhjan.ivri@gmail.com">mhjan.ivri@gmail.com</a>