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Research Article

Open Access Research Article PTZAID:IJVSR-8-225

Seroprevalence and its associated risk factors of Bovine Neosporosis and Bovine Viral Diarrhea in cattle of Tilottama municipality, Rupandehi, Nepal

Published On: September 14, 2022 | Pages: 127 - 132

Author(s): Aasish Gautam*, Sulav Dhakal, Umesh Sharma, Dojraj Khanal and Krishna Kaphle

Background: Bovine Neosporosis (BN) and Bovine Viral Diarrhea (BVD) are economically significant livestock disease that causes reproductive and respiratory problems in cattle and buffalo caused by protozoan parasite Neospora caninum and Bovine Viral Diarrhea Virus (BVDV) respectively. The burden of production and economic loss due to infectious reproductive diseases a ...

Abstract View Full Article View DOI: 10.17352/ijvsr.000125

Open Access Research Article PTZAID:IJVSR-8-223

Seroprevalence of Brucella infection in sheep and goat in two Woreda, in Arsi Zone, Oromia, Ethiopia

Published On: September 02, 2022 | Pages: 113 - 117

Author(s): Abdurazak Kadi*

The cross-sectional research study was conducted from November 2015 up to April 2016 in order to assess the prevalence of Brucella infection in shoats in two woredas in the Arsi zone, Oromia region, Ethiopia. The study was conducted in six Peasant Associations (3 PAs from each district). A total of 397 sheep and goats were sampled to be studied. Rose Bengal Plate Test ...

Abstract View Full Article View DOI: 10.17352/ijvsr.000123

Open Access Research Article PTZAID:IJVSR-8-221

Nutritional Intervention with Bacillus subtilis strain PB6 in Early Days, enhances Performance without affecting Carcass Characteristics of Broiler Chickens

Published On: July 28, 2022 | Pages: 100 - 109

Author(s): Nabila Fathima*, Rajendra Moorthy Rajendran, Ravichandran Mani, Srinivasan Balaji and Santosh Vyas

The objective of the study was to evaluate the combinational effect of Bacillus subtilis strain PB6 along with vitamins (V), minerals (M), and amino acids (A) on performance, growth, and carcass characteristics of broiler chickens during the early days and compare with commercially available combinations of V+A, and M+A without probiotics. An in vivo trial was conduct ...

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Characterization and grading of Black Bengal goat skin based on coat color

Published On: July 19, 2022 | Pages: 095 - 099

Author(s): AKM Baharul Islam Talukder, Fouzia Akhter and Sanjit Chandra Barman*

The research was conducted to study physical parameters and histological structural patterns based on the coat color of Black Bengal goat skins. Five hundred skins were randomly selected, and measured using scientific instruments and the Haematoxylin-Eosin staining method was used for histological study. Black coat color skin was found the highest (58%), the mean weig ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000120

Open Access Research Article PTZAID:IJVSR-8-219

Review on Listeriosis in small ruminants and public health significance in Ethiopia

Published On: July 12, 2022 | Pages: 086 - 094

Author(s): Belete Gobasho Kundul* and Mohammedkemal Mustefa Ame

Listeria monocytogenes is a bacterium mostly transmitted to man through food and it can cause mild gastroenteritis or severe infections of the bloodstream and/or the central nervous system, or abortion, depending on host susceptibility. Listeriosis is a serious illness caused by eating food contaminated with the bacterium Listeria, which is a Gram-positive psychotropi ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000119

Review Article

Open Access Review Article PTZAID:IJVSR-8-226

Review of bacteriophage and its applications

Published On: September 27, 2022 | Pages: 133 - 147

Author(s): Soressa Bakala Gamachu* and Motuma Debalo

The most prevalent and ubiquitous organisms in the world are bacteria-killing viruses called bacteriophages. The aim of this paper is to highlight some application areas of bacteriophages. There are both virulent and temperate bacteriophages in the environment, but only virulent bacteriophages are used for treatment, known as phage therapy. Since their discovery, bact ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000126

Open Access Review Article PTZAID:IJVSR-8-224

Potential for silvopastoral systems to control nematode burden in livestock farming in winter rainfall areas of South Australia, Australia

Published On: September 09, 2022 | Pages: 118 - 126

Author(s): Hannah Griffiths* and Amanda (Mandi) N. Carr

Gastrointestinal nematode infections cause significant production losses in ruminants. In southern Australia, the

estimated annual cost of internal parasites in sheep, cattle and goats are $436million, $82m and $2.54m, respectively. An over-reliance on anthelmintic treatments has resulted in anthelmintic resistance becoming an increasing concern for producers. Reducin ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000124

Open Access Review Article PTZAID:IJVSR-8-218

Review on milk production performance, challenges, and opportunities of dairy cows production in oromia regional state, Ethiopia

Published On: July 01, 2022 | Pages: 080 - 085

Author(s): Melkamu Mesfin Zewde* and Wazir Shafi Mustefa

This review was conducted to review the information on milk production performance, challenges, and opportunities of dairy cattle production in Oromia. Supported management practices, marketing situations, feed sources, and feeding systems the foremost milk production systems are identified as rural milk production, peri-urban, and concrete milk production. Ethiopia h ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000118

Case Study

Open Access Case Study PTZAID:IJVSR-8-222

Surgical management of rectal prolapse in ostrich chicks (Struthio camelus)

Published On: August 23, 2022 | Pages: 110 - 112

Author(s): Bishnu Prasad Adhikari*, B Pratima and K Kedar

Out of 300 ostrich chicks imported from South Africa, five chicks of age two months faced rectal prolapse problems at once in the Ostrich Farm Private Limited Rupandehi, Nepal. The feather around the red protruded mass was removed and the protruded mass was cleaned with normal saline. The protruded mass was pushed with gentle pressure and corrected through surgical co ...

Abstract View | Full Article View | DOI: 10.17352/ijvsr.000122