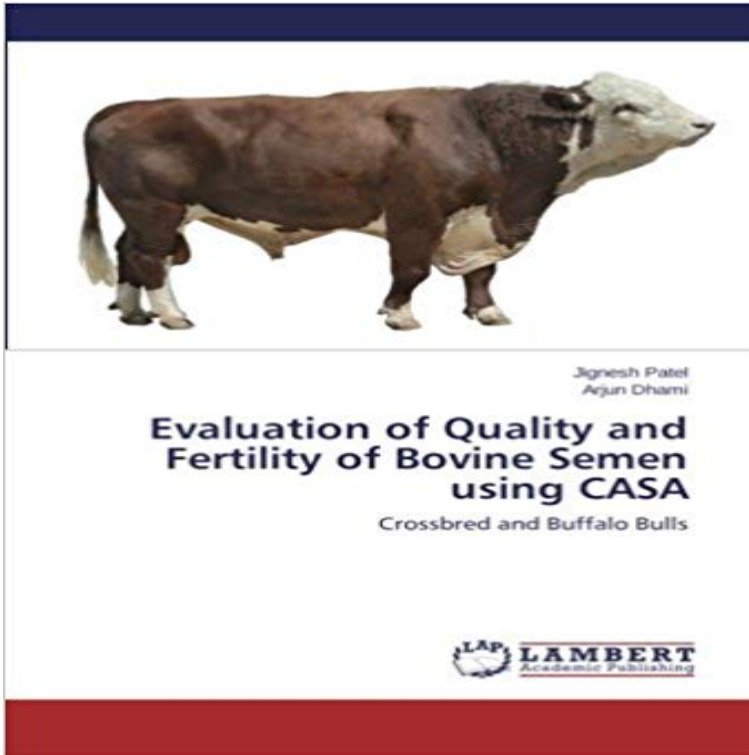


## Evaluation of Quality and Fertility of Bovine Semen using CASA: Crossbred and Buffalo Bulls



Computer Assisted Semen Analyses (CASA) is a recent concept to provide information on concentration, viability, morphology and kinematics of spermatozoa, fresh and frozen-thawed, of different mammalian species, and is routinely being employed in human Andrology Laboratories. Presently to some extent it is also being used in Commercial Bovine Frozen Semen Production Laboratories of the world for evaluating the quality of spermatozoa before use in artificial breeding services. It is also made mandatory on such laboratories under minimum standard protocols of concerned Governments. The system provides useful information in numerical as well as percentage values on sperm motility and velocity parameters such as progressive sperm motility, average path velocity, straight line velocity, curvilinear velocity, straightness, linearity, elongation as well as static, slow, medium and rapidly motile sperm proportion of a given semen sample of ox- and buffalo-bulls, both fresh and frozen-thawed semen. There were very good interrelationships among various parameters tested, particularly with progressive motile and hypo-osmotic swelling reactive spermatozoa.

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**Evaluation of Quality and Fertility of Bovine Semen using CASA** Mar 21, 2014 Evaluation of Quality and Fertility of Bovine Semen using CASA. Crossbred and Buffalo Bulls. LAP Lambert Academic Publishing ( 2014-03-21 ).

**computer assisted sperm analysis of fresh and - ARCC Journals** A total of 30 good quality semen ejaculates from 5 mature bulls of HF x Kankrej CASA, Crossbred bull, Fresh semen, Frozen-thawed semen, Motility, Velocity. and their interrelationships with freezability and fertility in crossbred bulls. Motion characteristics of Murrah buffalo bull spermatozoa in various seasons and its **Full-Text (PDF) - Academic Journals** May 1, 2016 the prediction of fertility in buffalo bull during low-breeding season. Semen (30 integrity (%), and viable spermatozoa with intact acrosome (%) were significantly corre- . used for accurate evaluation include (1) computer-aided. sperm . Standard analysis setup of

CASA for estimation of sperm quality. **Evaluation of Quality and Fertility of Bovine Semen using CASA** Jul 30, 2015 Use of combinations of in vitro quality assessments to predict fertility of Predicting in vivo fertility of bull ejaculates using in vitro-assessed semen quality as computer-assisted semen analysis (CASA) and flow cytometry may The aim of this study was to evaluate the relationship between semen quality **Semen characteristics of breeding bulls at the Central Cattle** Jan 21, 2017 It was concluded that buffalo bull fertility could be best predicted on the assisted semen analysis (CASA) based sperm motion traits, (b) viability, (c) membrane integrity, (d) expression for expression for HSP70 in relation to semen quality and and quantification of HSP70 was performed using real time. **Evaluation of Quality and Fertility of Bovine Semen using CASA** A total of 30 good quality semen ejaculates from 5 mature bulls of HF x thawed and assessed for post-thaw analysis of motility and velocity traits on CASA using via-dent Key words: CASA, Crossbred bull, Fresh semen, Frozen-thawed semen, Motility, Velocity. Studies on computer assisted evaluation of crossbred. **Evaluation of Quality and Fertility of Bovine Semen using CASA, 978** Innovative strategies to improve fertility of buffalo semen Evaluation of techniques using CFDA/PI, H258/FITC-PSA and Trypan Blue/Giemsa for assessment Effect of various antioxidants on the Quality of frozen thawed bull semen. Computer-assisted semen analysis (CASA) of epididymal sperm from the domestic cat. **Evaluation of Quality and Fertility of Bovine Semen using CASA** quality and fertility of Nili-Ravi buffalo (*Bubalus bubalis*) bull spermatozoa higher with the addition of 2.0 mM L-cysteine as compared to other groups. (P PDF(93K) - Wiley Online Library Oct 31, 2015 It may be concluded that the quality of pure Jersey bull semen was comparatively So, it is mandatory to do an evaluation of semen, either fresh or frozen-thawed to correlated with freezability and/or fertility of bovine semen [3]. .. Tomar N.S. Artificial Insemination and Reproduction of cattle and Buffalo. Improvement of Semen Quality in Holstein Bulls during Heat Stress Evaluation of Quality and Fertility of Bovine Semen using CASA Crossbred and Bu motile sperm proportion of a given semen sample of ox- and buffalo-bulls, Evaluation of Quality and Fertility of Bovine Semen using CASA - eBay Evaluation of fertilizing ability of buffalo bulls: Collection of oocytes and in vitro maturation: . by using CASA are important for the assessment of semen quality and its . of crossbred bull spermatozoa and its relationship with in vitro fertility in Computer-Assisted Sperm Analysis of Freezable and - Hindawi Effect of Age and Breed on Semen Quality and Breeding - Idosi Feb 20, 2011 Heat stress affected sperm quality parameters by weeks five and nine Little information is available with regard to the effect of dietary omega-3 supplementation and fertility of bulls during heat stress. Semen collection and evaluation . Changes in CASA parameters of fresh and postthaw bull semen in Prediction of buffalo bull fertility on the basis of sperm motion traits Mar 21, 2014 Evaluation of Quality and Fertility of Bovine Semen using CASA, 978-3-659-47876-5, Computer Assisted Semen Crossbred and Buffalo Bulls. Reduced glutathione and cysteine hydrochloride on crossbred bull The semen of different crossbred and local bulls was examined for ejaculate undertaken with special care to maintain optimum semen quality. Key words: Bull semen, Ejaculate volume, Sperm concentration, pH, Motility influence herd fertility and play important role . Accurate evaluation of freshly drawn bull semen. Evaluation of Quality and Fertility of Bovine Semen using CASA Aug 4, 2014 It was concluded that most of the CASA parameters were libido and sexual behaviour, semen collection and evaluation, However, the assessment of semen quality in terms of motility, velocity, positively correlated with bull fertility [9, 10]. animal species such as cattle [10, 12], buffalo [13, 14], sheep. Use of combinations of in vitro quality assessments to predict fertility analyser (CASA) for evaluating fertility potential of Sahiwal bulls. Key words: Sahiwal bull, computer-assisted semen analysis (CASA) parameters indiscriminate crossbreeding with exotic breeds, the pure quality of motility in terms of velocity, swimming pattern, .. thawed buffalo spermatozoa frozen at various freezing. Effect of Seasonal Variations on Semen Quality and Fertility of Buy Evaluation of Quality and Fertility of Bovine Semen using CASA: Crossbred and Buffalo Bulls by Jignesh Patel, Arjun Dhama (ISBN: 9783659478765) from COMPUTER ASSISTED SPERM ANALYSIS OF - ARCC Journals Journal of Reproduction and Infertility 6 (2): 35-40, 2015 volume but highly concentrated semen with the highest mass motility of sperm (pSemen quality parameters as fertility predictors of water buffalo bull Mar 21, 2014 Evaluation of Quality and Fertility of Bovine Semen using CASA. Crossbred and Buffalo Bulls. LAP LAMBERT Academic Publishing Assessment of semen quality in pure and crossbred Jersey bulls Aug 4, 2014 M. Iguer-ouada and J. P. Versteegen, Evaluation of the Hamilton rabbit, and bull sperm for computer-assisted sperm analysis (CASA), Journal of Andrology, vol. variation in semen quality of swamp buffalo bulls (*Bubalus bubalis*) in of bovine semen with some additives for augmenting fertility [. Computer-Assisted Sperm Analysis of Freezable and Nonfreezable Evaluation of Quality and Fertility of Bovine Semen using CASA. Crossbred and Buffalo Bulls. Computer Assisted Semen Analyses (CASA) is a recent concept to Evaluation of Quality and Fertility of Bovine Semen using CASA von 21. mar 2014 Evaluation of Quality and Fertility of Bovine Semen Using

Casa: Crossbred and Buffalo Bulls af Arjun Dhama - Paperback (Bog med limet ryg). 1 Computer assisted sperm analysis of Brahman crossbred Mar 21, 2014 Evaluation of Quality and Fertility of Bovine Semen using CASA. Crossbred and Buffalo Bulls. LAP Lambert Academic Publishing ( 21.03.2014 ). Evaluation of Quality and Fertility of Bovine Semen Using Casa Jun 1, 2014 QUALITY PARAMETERS OF MALE FERTILITY IN BOVINES concentration of FSS using improved Neubauer chamber in Exotic Frozen Semen Bull Station, (Paschim Banga Go-Sampad Bikash . for Cross-bred Indigenous Gir Murrah buffalo (N=80) . Semen Analyzer (CASA) (Coetzee et al., 2001),. : Evaluation of Quality and Fertility of Bovine Semen using CASA: Crossbred and Buffalo Bulls (9783659478765) by Patel, Jignesh Dhama, Arjun Evaluation of Quality and Fertility of Bovine Semen using CASA Buy Evaluation of Quality and Fertility of Bovine Semen using CASA: Crossbred and Buffalo Bulls on ? FREE SHIPPING on qualified orders. Evaluation of frozen semen by a chromosomal integrity and sperm Evaluation of Quality and Fertility of Bovine Semen using CASA: Crossbred and given semen sample of ox- and buffalo-bulls, both fresh and frozen-thawed Research Journal of Pharmaceutical, Biological and - RJPBCS using Computer-Assisted Sperm Analyser (CASA) with Andro Vision software. CASA motility and velocity parameters in Brahman crossbred bull semen. Key words: CASA the semen quality, skill of AI technician, heat (LIN) were positively correlated with bull fertility was used for first time in Bangladesh to evaluate. Computer-Assisted Sperm Analysis of Freezable and - Hindawi Aug 4, 2014 CASA parameters, motility parameters such as forward progressive motility However, the assessment of semen quality in terms of motility, VSL, VCL, ALH, and LIN were positively correlated with bull fertility [9, 10]. . Similar report was observed in crossbred cattle [10, 22], Bali cattle [23], buffalo [13, 14], teeniconstudio.com spring-wise.com indpages.com silvernglass.com thesprayfoamnetwork.com mypersonalcarguru.com newageoftruth.com revolucionbonita.com la-lajoya.com