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**Non-Genetic Parameters of Semen Analysis in Bulls**

**Popular Article**

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***Abstract***

The current article summarizes the impact of several non-genetic factors on the quality of the semen produced by both buffalo and cattle. Selection of breeding bulls along with good semen producing ability is important component for genetic improvement of cattle and buffalo resources. The semen quality is affected by many factors, such as the genetic and non-genetic factors. Bull to bull variation was observed as considerable difference for numerous seminal parameters. The freezing of bull semen substantially hampers the motility of sperm which reduces the conception rate in dairy farm animals. Variations in semen quality parameters may be due to individual variations, ejaculate frequency, differences in age, genetic makeup of the bulls, season of study and agro climatic conditions. While non-genetic factors may be regulated to improve semen quality in bulls, genetic factors are heritable qualities that are difficult to alter in a short amount of time.

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