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Effect of season and age on scrotal circumference, testicular parameters and endocrinological profiles in mithun bulls

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Highlights

- Significant seasonal and age effects was observed on endocrinological profiles and scrotal & testicular parameters in mithun.
- Spring and winter seasons are more optimum seasons for planning of breeding programme for mithun.
- The study helps to assess the breeding soundness evaluation in mithun species.

Abstract

Mithun is a domesticated free-range bovine species primarily used as a meat animal and is a pride of North Eastern Hilly regions of India. The present study was conducted to measure the effect of seasons on scrotal & testicular biometrics and endocrinological profiles for different age groups at different seasons in mithun bulls. A total of 30 mithun males were selected from the mithun breeding farm, ICAR-NRC on Mithun, Medziphema, Nagaland, India and were equally