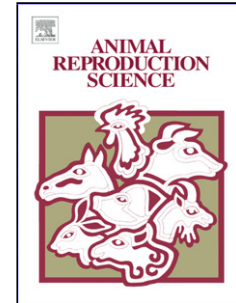


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Evaluation of cooling and freezing systems of bovine semen

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Highlights

- Programmable systems, with a cooling rate of -0.25 °C/min. and -0.5 °C/min., are the best option for cooling semen in terms of post-thaw sperm quality.
- Fastest cooling rates (-2.0 °C/min. e -2.8 °C/min.) gives the lowest sperm cryosurvival rates.
- The transport box with a cooling rate of -0.65 °C/min. is a good alternative for cooling semen.

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