

WHY

centrifugation
makes
ALL the
difference



Centrifugation: Maximized Fertility for Cooled Stallion Semen

When it comes to cooled-transported stallion semen, centrifugation is a game-changer. By removing seminal plasma and concentrating sperm cells, this evidence-based protocol widely adopted in AI centers enhances sperm quality, protects fertility potential, and extends viability for artificial insemination. The result? More motile sperm, improved acrosome integrity, reduced ROS exposure and better outcomes.

Multiple peer-reviewed studies indicate:



Higher motility

Significantly higher sperm motility after 72 hours of storage when semen was centrifuged compared to uncentrifuged samples.

Research - Cornell University
(Padilla & Foote, 1991)*



Healthier sperm cells

It is demonstrated that centrifugation preserves acrosome integrity and increases the number of progressively motile sperm, especially at higher concentrations (>25 million sperm/ml).

Kansas State University (2000)*



Protection against
DNA damage

Studies confirmed that centrifugation reduces DNA damage caused by prolonged exposure to seminal plasma.

Study from Texas A&M University (2004)*

* for more details see study

The benefits grow with time.

The longer semen is stored or transported, the more crucial centrifugation becomes.

For shipments and storage beyond 24 hours, it offers a clear advantage by ensuring higher-quality, longer-lasting sperm.



Centrifugation:



essential for
optimal semen preservation
and reproductive **SUCCESS.**

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