

BOTUSEMEN SPECIAL

MAXIMUM SPERM PROTECTION FOR BAD COOLER STALLIONS



BotuSemen Special^[1] is an extender specially developed for stallions more susceptible to cold damage. Its composition is based on the addition of essential lipids to maintain the plasma membrane stability during the cooling process.

To improve your results, use BotuSemen Special during centrifugation in freezing protocols.

How to prepare

Add the sachet's content to the sterile water and shake well.

How to use

The minimum dilution rate for preserving sperm motility during storage is 2 parts extender to 1 part semen, aiming for a final sperm concentration of 30 to 50 million total sperm per mL, as shown in the table below:

SPERM CONCENTRATION	DILUTION (V:V)
< 90 million sperm/ mL	Centrifuge or filter with Sperm Filter and resuspend 100 million sperm/mL
90 to 110 million sperm/ mL	2:1
120 to 130 million sperm/ mL	2,5:1
140 to 160 million sperm/ mL	3:1
170 to 180 million sperm/ mL	3,5:1
190 to 210 million sperm/ mL	4:1
220 to 230 million sperm/ mL	4,5:1
240 to 250 million sperm/ mL	5:1

IMPORTANT: In cases where centrifugation before the cooling process is necessary, resuspend the sperm pellet at a final concentration of 100 million total sperm per mL.

Composition

UHT sterilized skim milk powder, sugars, amino acids, antioxidants, cholesterol and excipients.

Storage and stability

After mixing the contents of the sachet with sterile water, store it at 2 to 8oC for up to 3 days.

Presentation

Pack of 10 diluent bottles containing sterile water and 10 sachets with 8.5g each.

One diluent bottle containing sterile water and 1 sachet with 17g.

QR CODE for More Information

