

Want more
heifers?

Use CRV sexed semen



Recommended use and handling of Sexed Semen

CRV sexed semen goes through a sorting process where more than 90% of the sperm cells in the straw carry the female 'X' chromosome and only less than 10% of the sperm carry the male 'Y' chromosome*. This ratio carries through to produce on average 90% heifers from the doses of sexed semen used on the farm.

Conception rates with sexed semen are around 10-15% lower than non-sexed semen. Using the correct semen handling and the right selection of animals on heat will help you get the best possible results using the CRV sexed semen product.

Recommendations Pre Mating:

- Ensure cows are in good condition from calving to mating.
- Make sure all staff are up to scratch with identifying cows on heat and your farms heat detection process.
- Record pre-mating heats so you are utilising sexed semen on cows that have cycled prior.
- Utilise CRV ESTROTECT™ heat detectors to help you and staff identify cows correctly on heat.
- Breed cows at the right time, when a cow first shows signs of estrus it is still too soon for her to be inseminated for optimal conception rates.
- If you question if the cow is really on heat, put her to conventional semen.
- We do not recommend using sexed semen in any synchrony programme.

Recommendations During AI:

- Confirm with your technician that they know the recommended procedure for handling frozen sexed semen.
- If you are a DIY inseminator, make sure you've had your AI technique reviewed in the past three years.
- Check the temperature of the water in your thawing device with a thermometer, recommended to be 37.5°C.
- Only remove one straw at a time for thawing.
- Thaw the straw straight away in an electric thawer at 37.5°C for 40 seconds.
- Thoroughly dry the straw, water kills sperm.
- Use clean sharp scissors to cut off the sealed end.
- Once thawed, load the straw into the pistollette. Try to minimise changes of temperature with the straw. Pistollettes can be warmed up but ensure the semen is never subjected to temperatures above 37 degrees.
- Animals should be inseminated within 5 minutes of thawing the straw.
- Once thawed, straws cannot be re-frozen, and should not be split.

If you have any questions, or need help regarding insemination of sexed semen, please contact your CRV Field Consultant.

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CRV offers smart solutions for your herd.
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