

BENEFITS OF COGENT SEXED SEMEN

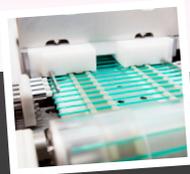
- ✓ Only live and healthy sperm cells are selected, resulting in 90% female cells per straw and conception rates comparable to conventional semen when used following these guidelines.
- ✓ Increase your profit in a global market by selling excess stock.
- ✓ Lower veterinary costs, less future fertility problems and an easier life for you.
- ✓ Target your best animals with sexed semen and breed the best replacements avoiding risk of disease.
- ✓ Using sexed semen frees up more cows to breed to Cogent's elite Beef Impact sires, maximising the value of every pregnancy.

 **Conception rates approaching those achieved using conventional semen**

 **Gender accuracy consistently above 90%**

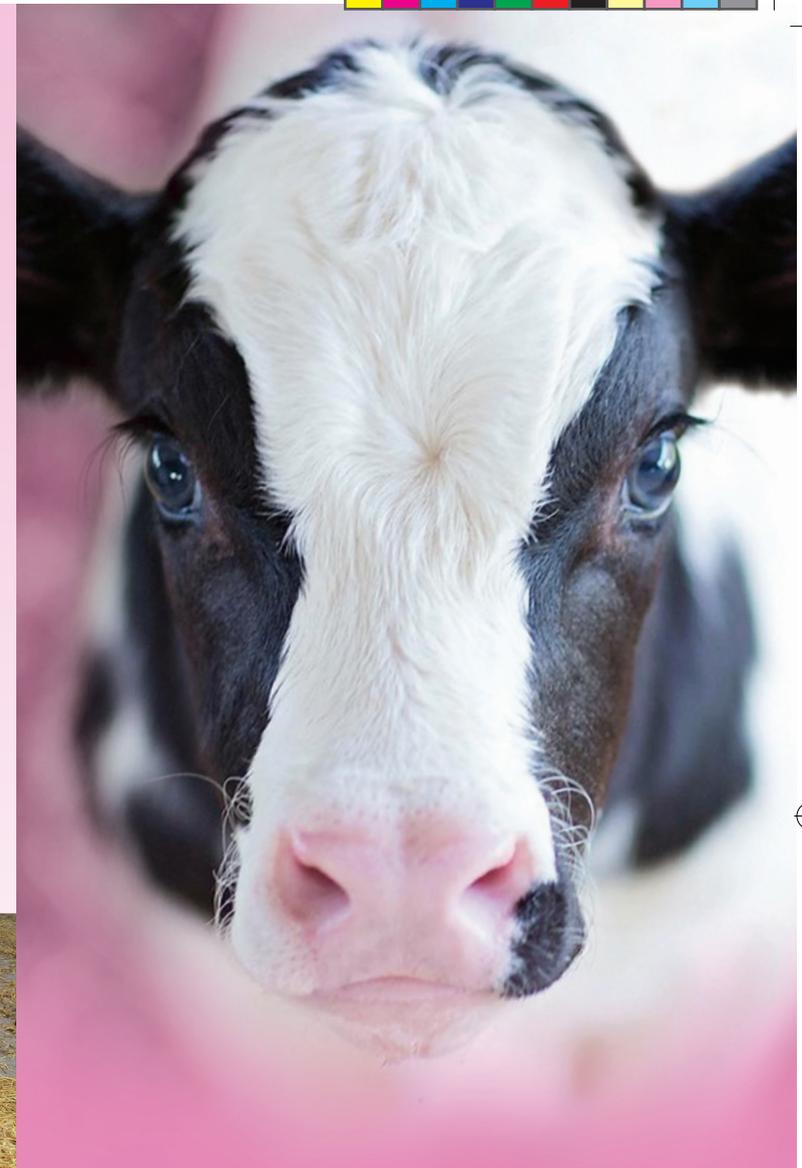
 **SexedULTRA 4m has twice as many female sperm cells per straw than any other sexed straw on the market**

 **Available on highest genetic sires**



“I have the confidence in using Cogent Sexed Semen, receiving excellent conception rates and great results, time and time again!”

James Yeatman, Dorset.



The Most Advanced Sex-Sorted Semen.

BREEDING INNOVATION

www.cogentuk.com



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WORLD'S LEADER IN SEXED SEMEN TECHNOLOGY

HANDLING COGENT SEXED SEMEN

Follow the simple steps below to ensure the best possible success rates.

- ✓ Identify the semen in your tank without raising the straw as this will lead to reduced quality.
- ✓ Straws should always be handled with tweezers.
- ✓ Avoid semen exposure. Keep straws submerged well below the frost line of the storage tank.
- ✓ Do weekly checks of the storage tank, make sure your liquid nitrogen is topped up frequently.
- ✓ Minimise the length of time that a straw container is kept above the liquid nitrogen level while removing the straw to be used. Take no more than five seconds.
- ✓ Protect semen from environmental changes. Failure to protect sperm can result in lower fertility.
- ✓ Don't load multiple straws.



SERVICE TIME

1. HEAT OBSERVATION

- ✓ Heat detection should occur three times per day for at least 20 minutes each time.
- ✓ Evening/Night heat detection is essential as a majority of activity occurs at this time.
- ✓ Use sexed semen on females with very high activity levels. Heat detection aids are very important e.g. Moo Monitor+, kamars, tailpaint.
- ✓ There should be at least two cycles (heats) observed prior to planned AI at 18-24 day intervals on the chosen animal.
- ✓ Secondary signs of oestrus e.g. mounting, chin resting, vocalisation can be less reliable signs of heat. Less valuable semen (not sexed semen) can be used to service these animals.

2. THE SERVICE PERIOD

- ✓ During this time, you should ensure stress free handling to get best results, with animals restrained so that they cannot move much when inseminating.
- ✓ For optimum results when using 4M, insemination should be carried out 12 -18 hours after the onset of standing heat
- ✓ Heat synchronisation programmes should only be used in conjunction with good heat detection. Sexed semen should not be used on Timed AI from fixed time AI programs.
- ✓ Milking cows – 4M sexed semen should only be used in younger (1st/2nd lactation) cows who are cycling normally and have not had a fertility damaging incident in that lactation. ie Twins, Retained placenta, whites, cystic or treatment for Ketosis.
- ✓ The younger animals in your herd will have a higher fertility index and inherently more fertile.

3. AI TECHNIQUE

- ✓ Only inseminate animals that have been identified in standing oestrus.
- ✓ Deposit the semen in the body of the uterus. Do not attempt to deposit the semen at the tip of the horn.

STRAW THAWING

- ✓ Check the temperature of the water in your electric thawing device with a thermometer.
- ✓ Only remove one straw at a time for thawing.
- ✓ Flick the straw to remove any trapped nitrogen.
- ✓ Thaw the straw straight away in an electric thawer at 37°C for a minimum of 40 seconds.
- ✓ Thoroughly dry the straw; water kills sperm.
- ✓ Shake the straw to free trapped air bubbles Use clean straw cutters, or sharp scissors to cut off the sealed end.
- ✓ Pre-warm the AI equipment and keep it insulated until the insemination.
- ✓ Protect from heat and cold shock post-thaw.
- ✓ Place the loaded insemination gun in a clean plastic glove. Then place it inside your clothing to transport to the cow.
- ✓ The thawed semen must be inseminated by a qualified inseminator, within 5 minutes of removal from the tank.
- ✓ Do not split straws.

