

# Recommendations for using Sexed Semen\*



[www.licnz.com](http://www.licnz.com)

Sexed Semen is a product that allows you to predict the gender of your calves with 90% accuracy.

## Benefits of using Sexed Semen

- Rapid increase of the female herd.
- Improve the genetic value of the herd by selecting replacement heifers from a larger group of animals.
- Decrease calving difficulties.
- Producers can choose to produce females or males.
- Increase marketing capabilities by allowing producers to target specific markets.

## Important considerations for using Sexed Semen

- Sexed semen is packaged in 1/4cc straws (French straws); it must be used with 1/4cc or universal guns.
- Sexed semen needs to be thawed using temperature regulated thawing units and utilizing a thermometer to monitor temperature. Water temperature should be between 95°F and 98°F (35°C and 37°C, respectively). The thawing process should be at least 45 seconds and no more than 15 minutes.
- It is recommended to only use sexed semen in virgin heifers or in cows with an excellent record of conception through AI.
- It is recommended to AI 18 hours after the first signs of standing heat. Use in animals that show a clear sign of a good heat.
- Avoid using sexed semen in animals that have had more than two or three services.
- Use sexed semen in well established AI programs and preferably by experienced AI technicians.
- The herd needs to have very good nutritional, sanitary, and reproductive programs.
- Avoid using sexed semen in animals that are under any kind of stressful situation that might compromise conception rates.

## A.I Recommendations

# Sexed **ULTRA** 4M<sup>®</sup>

\*Sexed Semen A.I. recommendations reprinted with permission from STgenetics



14-20 hrs

A.I. with sexed semen 14-20 hours after first signs of standing heat



Use temperature regulated thawing units

Regulate



Change thawing unit water daily

Daily



Clean thawing unit weekly

Weekly



35° to 37°C  
95° to 98°F



Monitor water temperature with thermometer: 35° to 37°C (95° to 98°F)



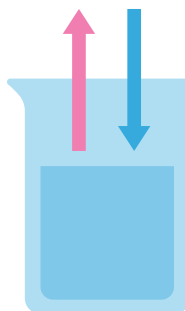
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35° to 37°C  
95° to 98°F



Keep semen temperature regulated at 35° to 37°C (95° to 98°F) with A.I. gun warmer



15 min

Use thawed semen within 15 minutes of initial thaw

A.I Recommendations

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