

Want more  
heifers?

Use CRV sexed semen



## Fresh vs Frozen Semen

### Why use frozen semen rather than fresh semen?

It is actually more common practice world-wide to use frozen semen. New Zealand is one of the very few countries in the world that offer a fresh option.

The key benefit in using frozen semen is that it gives you a lot more control. Farmers can select exactly which bull they can put over which cow, regardless of when she comes on heat. On the other hand, with fresh semen, only those bulls that are 'on the roster' on the given day or days are available. So if a particular cow you want to put up to the top bull comes on heat, but that bull hasn't been on the roster that day, then you have no choice but to select a different bull.

Frozen semen gives you more control and allows you to plan and manage your herd's breeding programme much more effectively.

### How does the use of frozen semen impact on conception rate?

There does seem to be a misconception out there that frozen semen conception rates are lower than fresh semen rates. In reality, past pilot studies have shown that there is no significant difference in conception rates between the two.

With fresh semen there can be as little as 2 million live, motile sperm per insemination. And this number reduces after day one as the sperm begin to die.

With frozen semen, the straws are loaded up with many more (average 20 million) and a minimum of 30 per cent (approximately 6 million) are live upon thawing.

Semen fertility only accounts for about five percent of conception; other factors such as correct heat detection, cow condition, handling and environmental factors are far more critical for conception rates.

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

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