



UNDERSTANDING FIXED-TIME ARTIFICIAL INSEMINATION (FTAI) A GUIDE TO THE BENEFIT OF FTAI IN YOUR HERD



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What is Fixed-Time Artificial Insemination (FTAI)?

FTAI allows artificial insemination (AI) of your herd **without the need for heat detection.**

To enable FTAI, a series of treatments are given to the females according to a protocol that will **synchronise the time of their ovulation.**

The treatments are given to every female in the mob which enables **100% of the females to be submitted to AI.**

Why choose FTAI over heat detection programs?

- An AI technician is only required on one day to inseminate your cows. This day can be planned in advance – **reducing your costs.**
- With some basic training, all treatments can be given by the labor that you have on your farm – **saving you money.**
- Results in **more calves born** to AI.
- When a progesterone device such as the Cue-Mate® is used in FTAI, reproductive issues such as non-cyclers and cows with ovarian disorders may be treated – **treating problem cows earlier.**
- FTAI can get the majority of your cows in calf early – **avoiding later calving cows.**



Getting your cows
pregnant earlier!





I am a Dairy farmer, what is in it for me?

- With an industry aim of eliminating calving inductions, later calving cows are no longer acceptable, particularly in seasonal calving herds.
- Research shows that the practice of carry over cows is not an economical alternative to managing late calving cows in split-seasonal systems. Problem cows need to be eliminated from the herd.
- FTAI can assist you in getting most of your herd pregnant earlier in the breeding season.
- All you need to do is follow the protocol instructions provided by your veterinarian and organise your veterinarian or AI technician for the day and time of AI.

Experience reproductive gains beyond just profits

Synchronising your cows for FTAI has many benefits:

Cows get pregnant earlier.

Can be **used as a tool** to bring the time of calving earlier.



Cows that calve earlier in the breeding season are easier to get in calf the following year, and **start producing milk earlier** in the season – giving you **more profits**.



Heifer progeny will reach the critical mating weight at an earlier and similar time, conceiving earlier in their joining period.



The FTAI treatments that include a progesterone device such as the Cue-Mate **can treat reproductive issues** such as non-cyclers and ovarian disorders.



The genetic gain from FTAI helps you **reach your breeding objectives**. Choose your genetics wisely to get further reproductive gains.



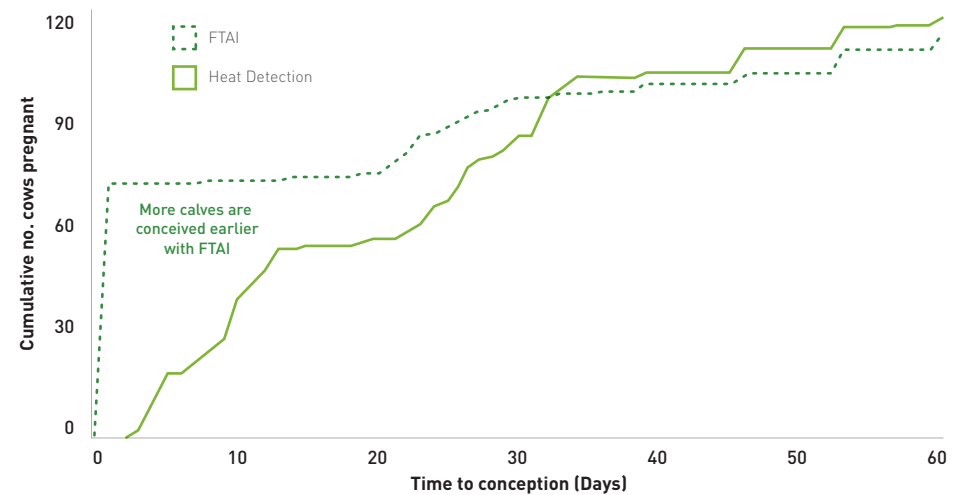


Economic Benefits of FTAI

A study was performed in a split season herd with cross bred cows. Cows that were FTAI as compared to cows that were heat detected became pregnant earlier. If these

cows calve in this pattern, this would equate to a **19.8% increase in production** as cows will be producing earlier in the season.

Effect on Production





CUE MATE® – THE PROGESTERONE DELIVERY DEVICE

Cue-Mate® uses a curved, flexible wishbone design with soft pod ends for cow comfort, safety and exceptional device retention. Each device contains 1.56 grams progesterone (each of two replaceable pods contains 0.78 grams progesterone).

Cue-Mate can be purchased as a fully assembled ready-to-use device, or active or blank replacement can be purchased separately to reload devices. Cue-Mate applicators are available separately.

- ✓ Thanks to its design, Cue-Mate limits device loss from the animals allowing you to **achieve more cycling animals**.
- ✓ The modular design allows you to reuse the wishbone with recharged pods, saving your money and allowing you to **achieve a more rational use of your resources**.
- ✓ The Pods have a larger surface area and is in direct contact with the vaginal wall of the animal, delivering the right quantity of progesterone through the device **and achieving more efficacy**.





For more information
please visit the website
www.repro360.com.au



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