

Ensure cows calved 35 days at the start of the protocol, BCS of 2.75+ and Intakes are maximised.

Suitable Protocol for sexed semen - Overcomes timing of AI issues and maximizes conception rates.

**Optimum timing of AI for sexed semen is 16 to 22 hours after GnRH (9 -3 PM).**

SYNCHRONISATION FOR DAIRY HEIFERS FIXED TIMED AI AT A PREDETERMINED TIME. NO HEAT DETECTION. 4 HANDLINGS.			
Mon 11th April	Afternoon	Day 0	Insert P4 Device & Inject GnRH
Sat 16th April	Afternoon	Day 5	Inject PG
Sun 17th April	Afternoon	Day 6	Inject PG and remove P4 Device
Tues 19th April	Afternoon	Day 8	Fixed time AI 48 hours after P4 Device removal and inject GnRH.

This regime allows you to inseminate all heifers with 4 handlings and all are AI'd at a fixed time .

No heat detection until the repeats.

Let bulls run with them for 17 days (Apr 20th to May 6th). Remove the bulls and AI repeats day 18 to 24 (May 7th to May 13th).

AI'ing the repeats ensures that the bulls are not overworked, avoids bulls getting injured ensuring we will have them when we need them.

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**For Sexed Semen we recommend applying heat detection aids on day 6 when device is being removed and final PG injection administered. Use conventional semen on any heifer where the heat detection aid is not fully activated.**