**Synchronisation Programmes**

**Synchronisation of Ovulation**
By employing a synchronisation programme, beef producers can control when groups of cows ovulate creating a greater opportunity for pregnancy production.

The implementation of synchronisation, as with any AI programme, require top management of not only cattle but also facilities and labour.

**Benefits of Synch Programmes**
- Enables beef breeders to group inseminate their cattle at the start of the breeding season resulting in more calves born early in the season that will be heavier and older at weaning.
- Replacement females produced will also be older and heavier at 1st insemination, making for better breeding performance.
- More females will get pregnant during the breeding season, Oestrus cycles are advanced, so a high number of cycling cows should come into heat in the beginning of the season.

- Allows the use of proven AI sires and targeted genetics to improve growth rates, carcass traits, and calving ease in calves destined for slaughter or the production of top quality breeding female replacements.
- At market calves will be more uniform and heavier due to less genetic age and variation.
- Flexible use of genetics.
- Better quality breeding females, the effect of genetics is both permanent and cumulative.
- Enhanced profitability.
Examples of suitable Synchronisation Programmes for beef herds.

**Suckler cow synchronisation programme.**

**Beef heifer synchronisation programme.**

![Diagram showing GnRH, PGF2α, and TAI for synchronisation programmes.](image)

Note: Majority of animals do NOT show heat

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**Schedule for PRID/CIDR Sync Protocol**

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<th>Week</th>
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16-24 hr

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**Schedule for Heifer Program**

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**Key**

- GnRH – Ovarelin®, Receptal®, Fertagyl®
- PGF2α – Estrumate®, Lutalyse®, Cyclix®, Enzoprosta®, Prosolvin®
- Progesterone Device – Prid®, Cidr®

Please note the above are examples of brands used and other products are available.

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Call may be monitored for training purposes