

Beef Herd Fertility Synchronisation and AI

First Name:		Last Name:
Email:		Veterinary Practice:
Postcode:	Date:	

Please circle one answer only e.g. A

What is the ideal time post-calving for beef cows to enter a synchronisation programme ?

- 20-30 days post calving
- 30-40 days post calving
- 40-60 days post calving
- 60-90 days post calving

What minimum % of mature bodyweight should maiden heifers be, before being considered for an oestrus synchrony programme to ensure they are cyclical.

- 50%
- 65%
- 75%
- 85%

Why is double prostaglandin injection followed by fixed time AI not the best system for synchronising beef cows ?

- Prostaglandin injection is not licensed for cows, only heifers
- All synchrony programmes need progesterone implants incorporated into them at some stage
- A proportion of cows may be in anoestrus, and thus will fail to synchronise with this system
- It is more expensive than progesterone implant programmes

Which of the following statements is true ?

- A progesterone implant (PRID or CIDR) will cause abortion if put in a pregnant cow
- A progesterone implant (PRID or CIDR) will stop cows ovulating until it is removed
- A progesterone implant (PRID or CIDR) is inserted through the cervix into the uterus
- A progesterone implant (PRID or CIDR) cannot be used in heifers

What is the optimum time to inseminate cows after removal of progesterone implants in a synchrony programme for fixed-time AI ?

- 24 and 48 hours after implant removal
- Once only at 36 hours after implant removal
- 72 and 96 hours after implant removal
- 48 and 72 hours after implant removal

Which of the following groups of cows will most benefit from PMSG injection in a synchronisation programme?

- All cows calved in the first 3 weeks of the calving period
- Thin cows and late calvers

Older cows
Dairy crossbred cows

Why should using AI carry no risk of introducing BVD into a herd ?

BVD virus is killed by freezing semen
Antibiotics in semen straws kills and BVD virus present
BVD cannot be transmitted in semen
Bulls at AI stud are tested BVD free prior to semen collection

Why should vaccines not be administered around the time of AI ?

Vaccines can interfere with the synchronisation drugs
Vaccines can delay the onset of oestrus
Vaccines will not work if administered around oestrus
Vaccine reaction can cause mild fever and reduce conception rate

Which of the following statement is TRUE ?

The conception rate to AI is always superior to bulls
The conception rate to AI should be similar to that achieved by healthy fertile bulls
The conception rate to AI is normally 10% poorer than bulls
The conception rate to AI depends on the breed of bull

What are the approximate costs (depreciation, fixed and variable cost) per year of keeping a beef stock bull on farm ?

£500
£800
£1200
£1600