



REPEAT BREEDING SYNDROME IN COWS

Lecture 5

Treatment for early embryonic mortality

Content Creator

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- Embryonic Mortality is the natural way of eliminating the unwanted or unfit genotypes in each generation at low biological cause
- Improper estrus detection and untimely insemination is the major cause of Repeat breeding syndrome
- To avoid this, induction and synchronization of estrus and ovulation can be used



- On day – 10th give PGF₂α and do AI after 72 – 96 hours
- Supplementation of mineral mixtures will help to improve response
- In case of heifers, the dung should be examined for parasitic ova and dewormed
- Clitoral massage for 4 – 5 seconds will improve the conception. It advances the LH surge by 4 hours.



Preventing repeat breeder cows

- Ensure you are serving cows at the correct time.
- Ensure insemination techniques are as good as possible
- Do not inseminate cows previously diagnosed as pregnant. If the cow is pregnant AI may cause embryonic/fetal loss.



- Identify and treat cows with abnormal genital discharge before starting to artificially inseminate them
- Don't start breeding too soon after calving. Herds that start breeding early have lower pregnancy rates to service and so more repeat breeder cows
- Minimize stress at AI.



THANK YOU