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Optimizing timed AI protocols for Angus beef heifers: Comparison of induction of synchronized ovulation with estradiol cypionate or GnRH

Eduardo P. Silva, Milo C. Wiltbank, Amanda B. Machado, Laís S. Gambin, Marcelo M. Dias, Márcio F.C. Chaiben, Mari L. Bernardi, João B.S. Borges



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Highlights for Silva et al. Optimizing timed AI protocols for Angus beef heifers: Comparison of induction of synchronized ovulation with estradiol cypionate or GnRH

1. ECP rather than GnRH increased incidence of estrus in heifers with follicles < 11mm.
2. Heifers with follicles ≥ 11 mm displayed estrus, with better fertility for GnRH than ECP.
3. Heifers with 8.5-10.9 mm follicles tended to have better fertility with ECP than GnRH.
4. In heifers with CL, GnRH increased fertility compared to ECP (68.0% vs 54.9%).
5. Optimal inducer of ovulation, GnRH vs ECP, depends on follicle size and CL on Day 0.

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