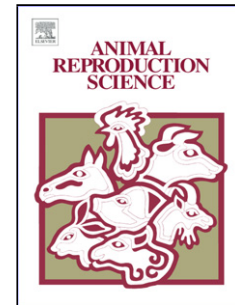


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Effects of parity on productive, reproductive, metabolic and hormonal responses of Holstein cows

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Highlights

- Primiparous cows maintain high milk production and corporal condition after calving without showing a more negative energy balance during postpartum than multiparous cows.
- Cows of different parity experience the transition period differently and this may affect the progesterone profiles.
- A total mixed ration and grazed pasture diet covered the requirements of first calved cows for growth as well as for milk and ovulation after calving

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