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Evaluation of collection days and times to estimate urinary excretion of purine derivatives and nitrogen compounds in grazing Nellore cattle

J.M. Silva Júnior , L.N. Rennó , S.C. Valadares Filho ,  
M.F. Paulino , E. Detmann , G.C.C. Menezes , T.S. Martins ,  
R.M. Paula , J.P.P. Rodrigues , M.I. Marcondes

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**Highlights**

- There is a lack of data of creatinine excretion in grazing cattle
- There was no effect of day or time on urinary excretions of purine derivatives
- A single 4h-collection urine sample is enough to calculate purine derivative excretion
- A single 4h-collection did not properly estimate N excretion

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