

## Supplementary Material

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### **Nitrate supplementation has marginal effects on enteric methane production from *Bos indicus* steers fed Flinders grass (*Iseilema* spp.) hay, but elevates blood methaemoglobin concentrations**

*N. Tomkins*<sup>A,E,F</sup>, *A. J. Parker*<sup>B</sup>, *G. Hepworth*<sup>C</sup> and *M. J. Callaghan*<sup>D</sup>

<sup>A</sup>CSIRO Agriculture, Australian Tropical Science and Innovation Precinct, James Cook University, Townsville, Qld 4811, Australia.

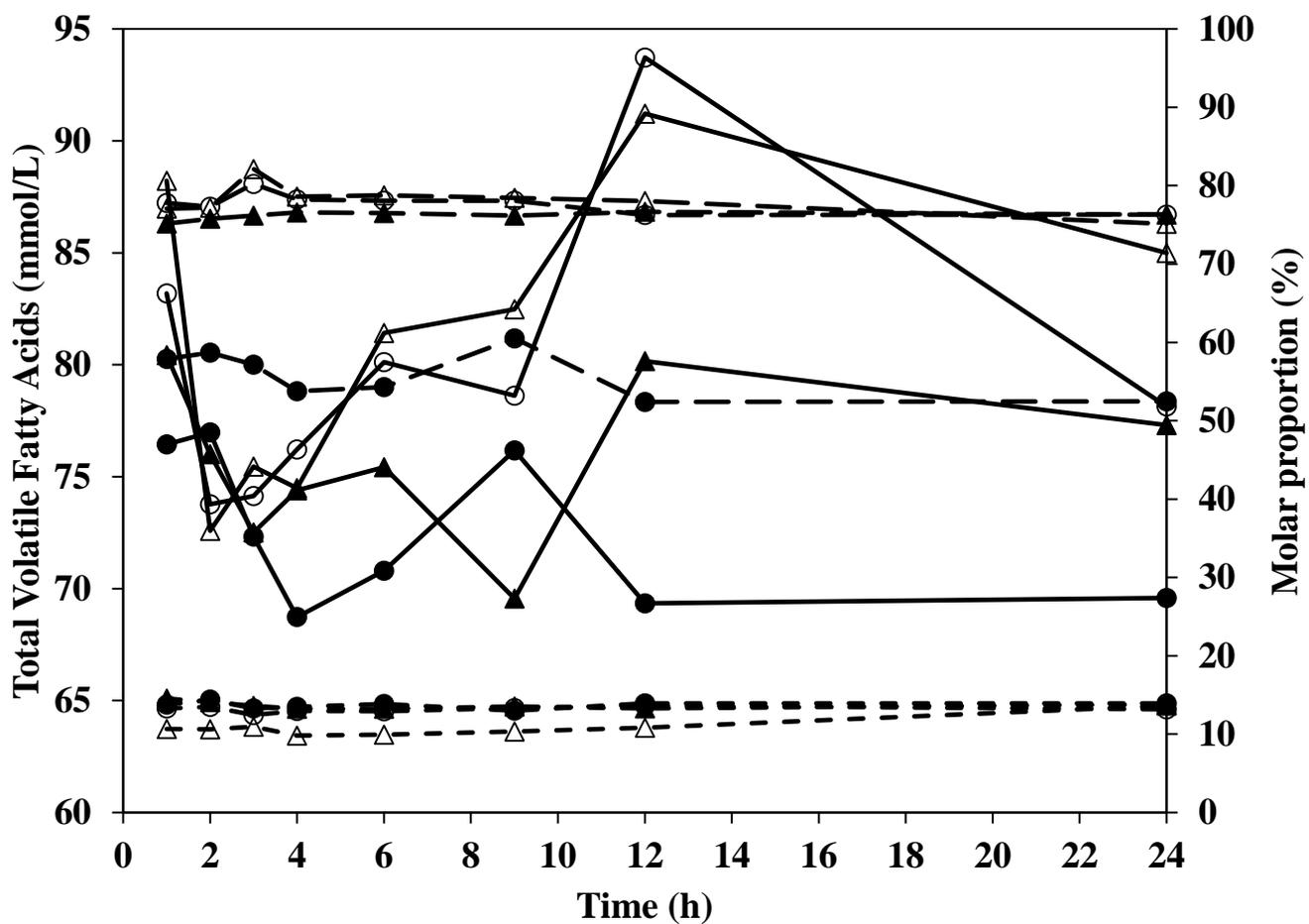
<sup>B</sup>College of Public Health, Medical and Veterinary Sciences, James Cook University, Townsville, Qld 4811, Australia.

<sup>C</sup>Statistical Consulting Centre, The University of Melbourne, Vic. 3010, Australia.

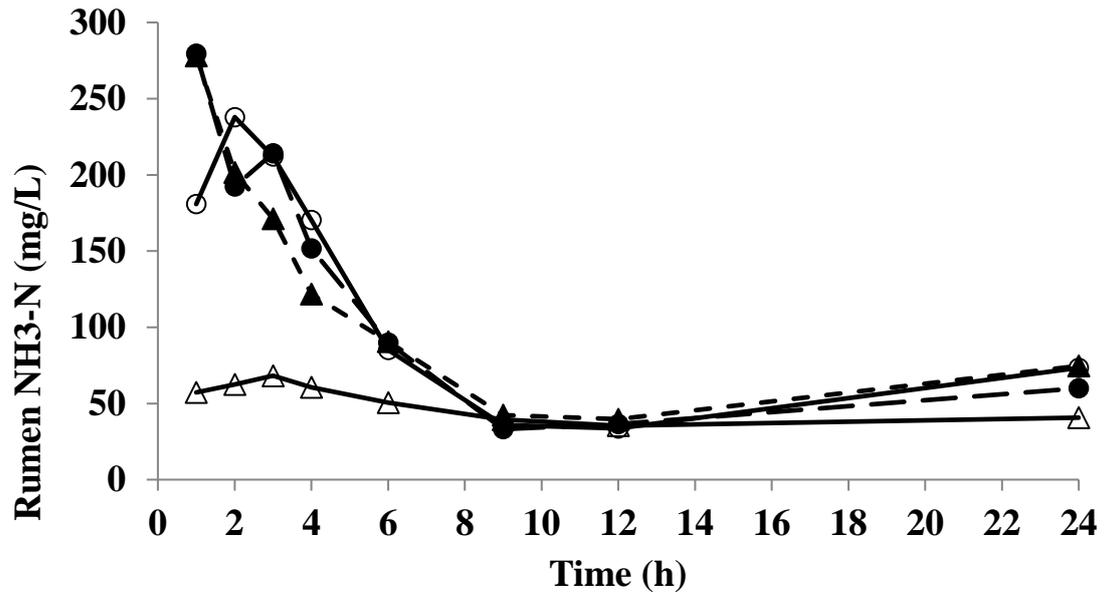
<sup>D</sup>Ridley AgriProducts Pty Ltd, Toowong, Brisbane, Qld 4066, Australia.

<sup>E</sup>Present address: Meat & Livestock Australia, 527 Gregory Terrace, Spring Hill, Qld 4006, Australia.

<sup>F</sup>Corresponding author. Email: [ntomkins@mla.com.au](mailto:ntomkins@mla.com.au)



**Fig. S1.** Mean total volatile fatty acid concentration (—) and molar proportions of acetate (○) and propionate (—) for two steers consuming Flinders grass hay over 24 h period post feeding: 0 (Control; △) or 15 g N supplement containing urea (▲), 30 g (CaN1; ●) or 50 g (CaN2; ○) nitrate daily.



**Fig. S2.** Mean rumen  $\text{NH}_3\text{-N}$  concentrations for two steers consuming Flinders grass hay over 24 h period post feeding: 0 (Control;  $\Delta$ ) or 15 g N supplement containing urea ( $\blacktriangle$ ), 30 g (CaN1;  $\bullet$ ) or 50 g (CaN2;  $\circ$ ) nitrate daily.