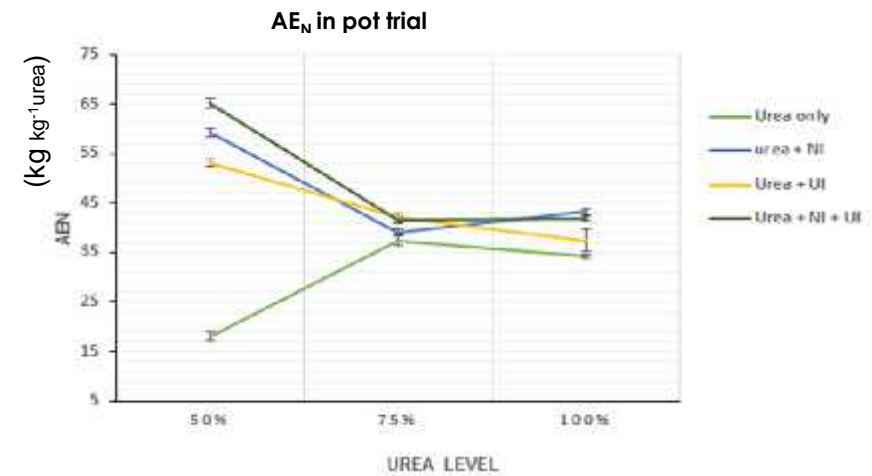
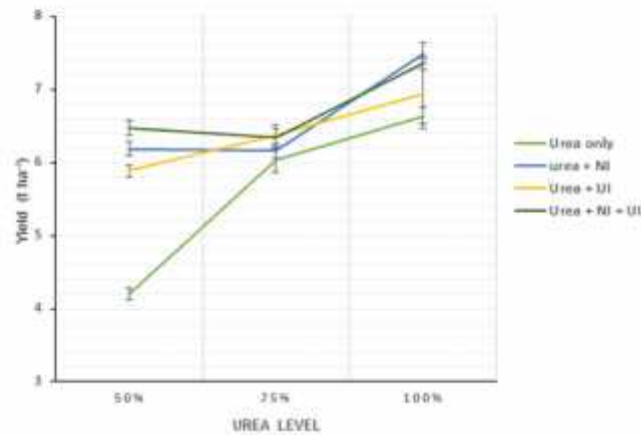
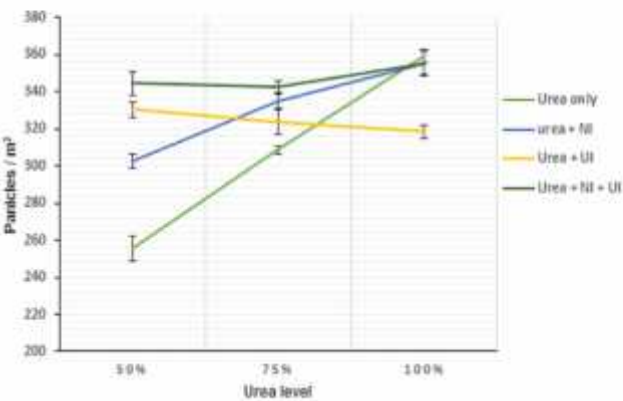
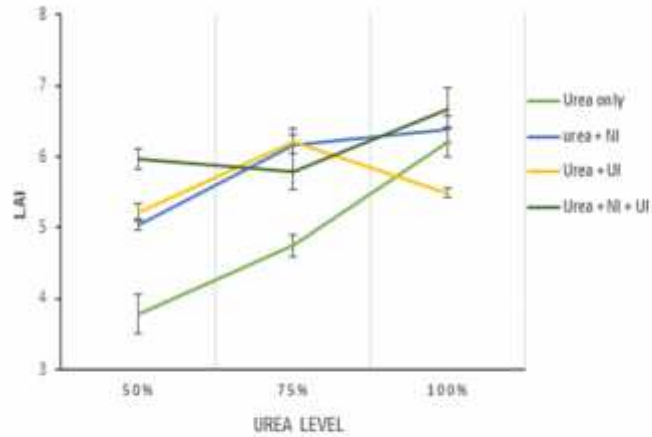
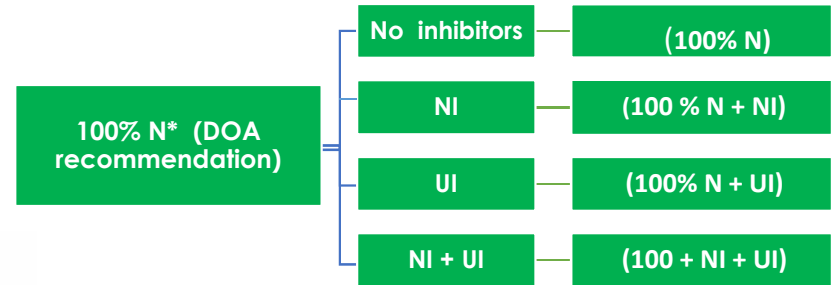




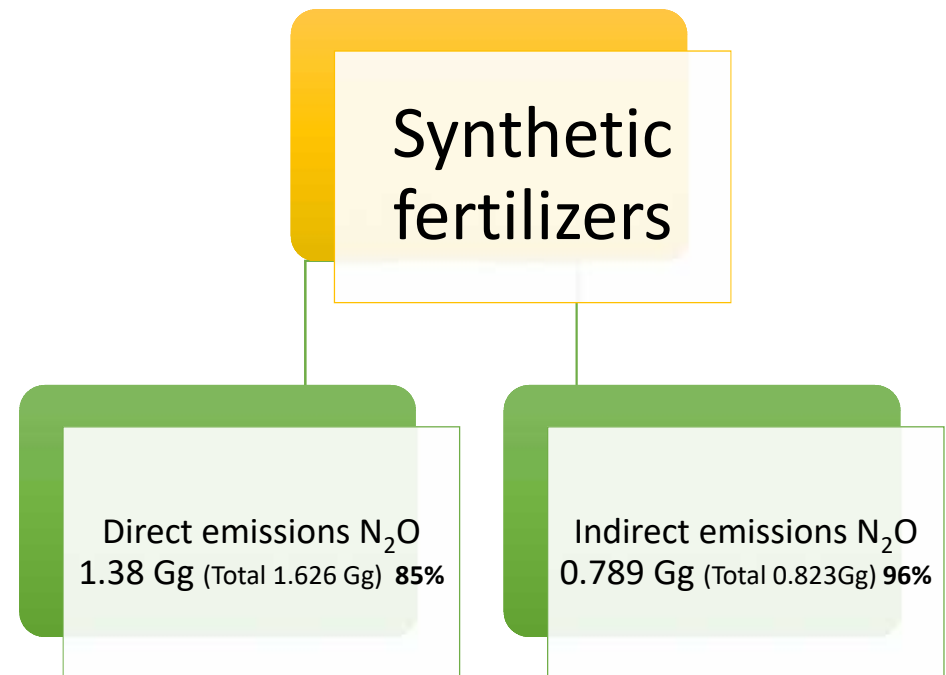
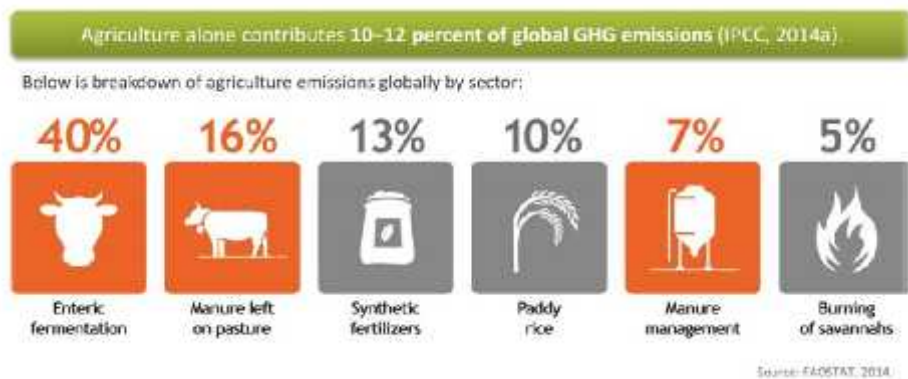
Increasing N-use efficiency through minimizing losses is critical in enhancing yields

Nitrification Inhibitors (NI) delay the bacterial oxidation of the  $\text{NH}_4^+$  (Linquist *et al.* 2013)

Urease inhibitors (UI) delay the transformation of urea to  $\text{NH}_4^+$  (Dawar *et al.* 2011)



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**AE<sub>N</sub> and yield in rice could be significantly increased by reducing N losses through treating urea with inhibitor/s (DCD and/or NBPT) when 50% of the recommended urea rate is applied.**



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