



Nitrogen fertilization management can decrease methane emission from wetland rice fields of Central Vietnam

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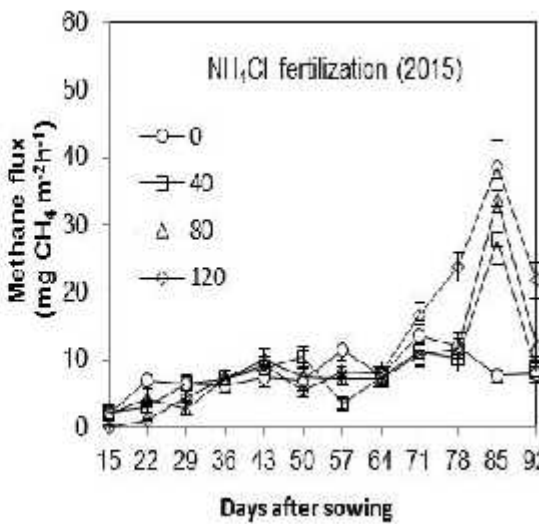
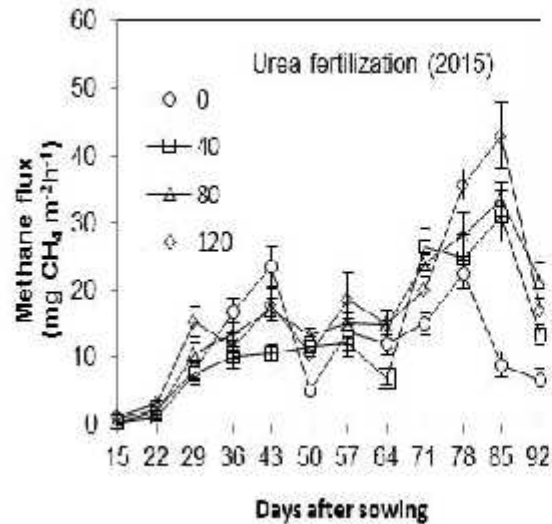
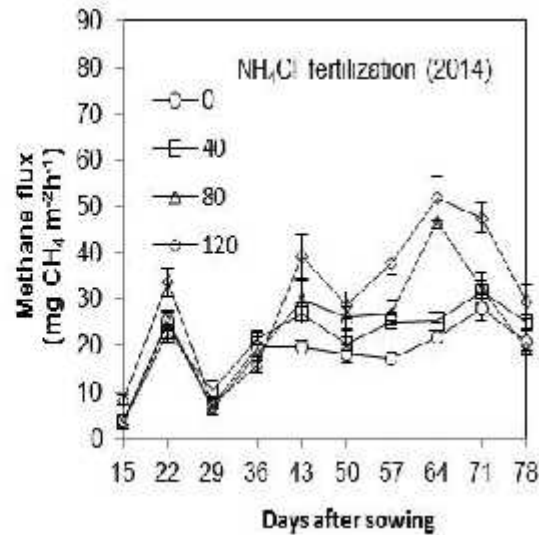
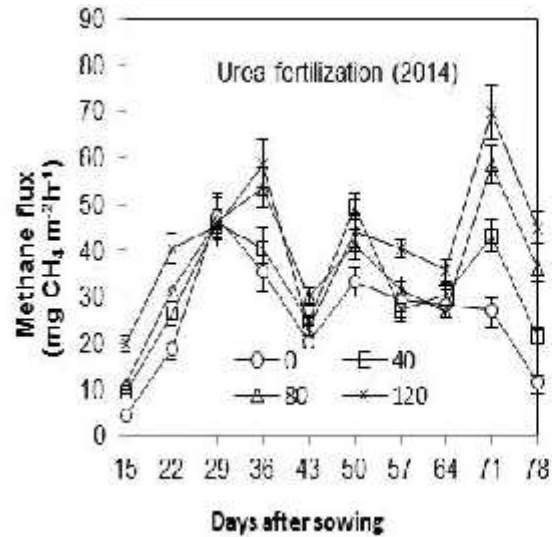
1. Objective: to assess the influence of rates and types of nitrogen application on CH₄ emission in the two rice cropping seasons in Central Vietnam.

2. Materials and methods

4 N rates (0, 40, 80 and 120 kg N/ha), 2 N types (Urea and ammonium chloride), rice cropping (summer season 2014 and spring season 2015), methane emission, alluvial soil, Thua Thien Hue province, Central Vietnam.



Results and conclusions



- The effect of inorganic fertilizer N on CH₄ emission depends on rate and type of N application.
- Further research should aim at quantifying the effects of it on N₂O emission and combining mitigation options.