



YIHUAI HU

ESR8: NITROGEN TRANSFORMATION AND GREENHOUSE GAS (GHG) EMISSIONS FROM SOILS AMENDED WITH DAIRY PROCESSING WASTE (DPW) AND DERIVED FERTILISER PRODUCTS.

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Research goals and focus:

- The aim of ESR8 is to explore the nitrogen use efficiency of DPW and derived fertiliser products, and GHG emissions from the use of biofertilisers, to provide guidance on the application of biofertilisers and mitigation of GHG emissions.

Expected results: A reduction in GHG emission from agricultural management chains of biofertiliser application, report on quantifying the transformation of N and net mineralisation of biofertilisers compared to untreated DPW, and report of estimating N mineral fertiliser equivalent value of biofertilisers.

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