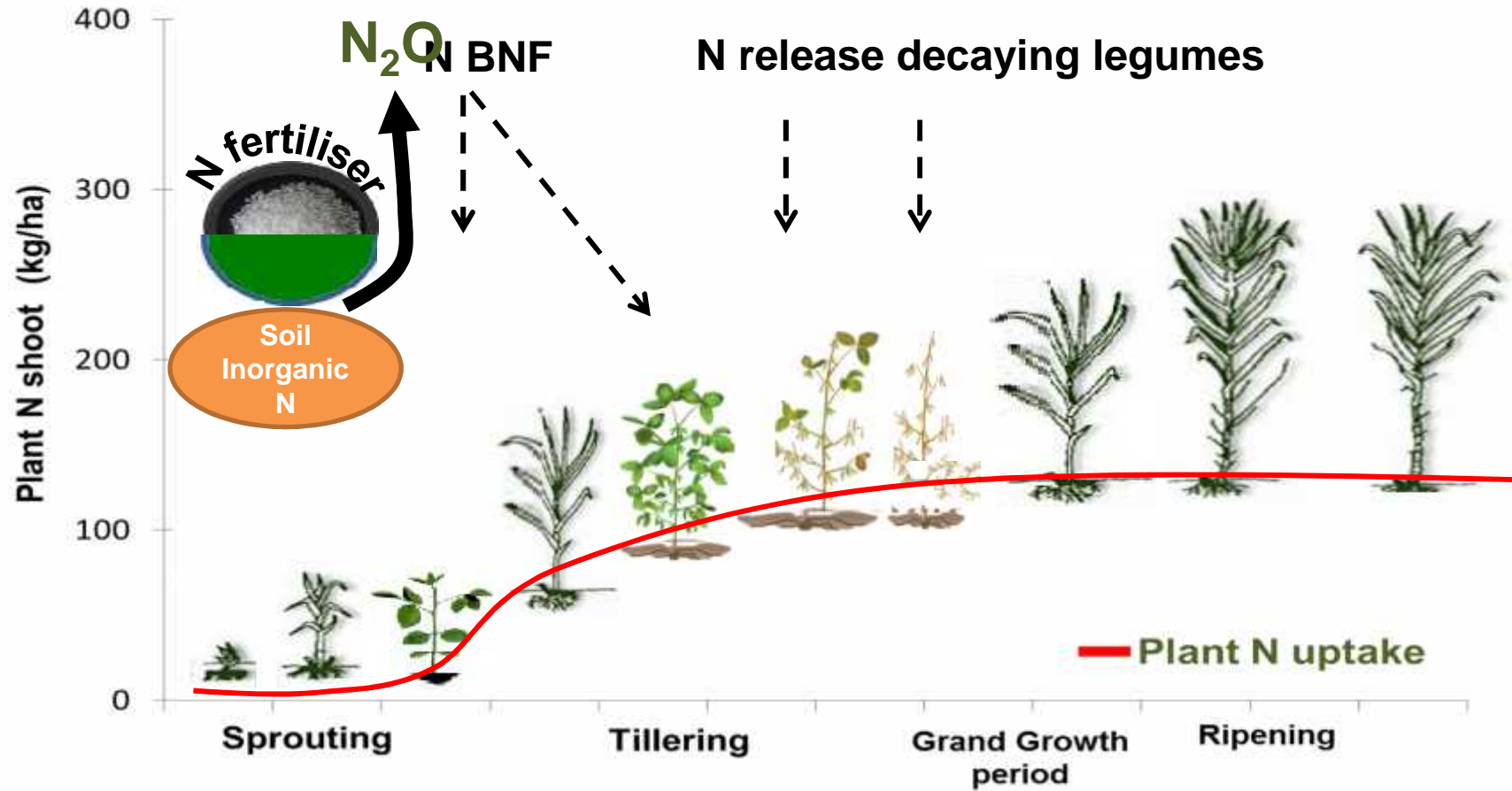


# Reducing nitrous oxide emissions from sugarcane soil with legume intercropping

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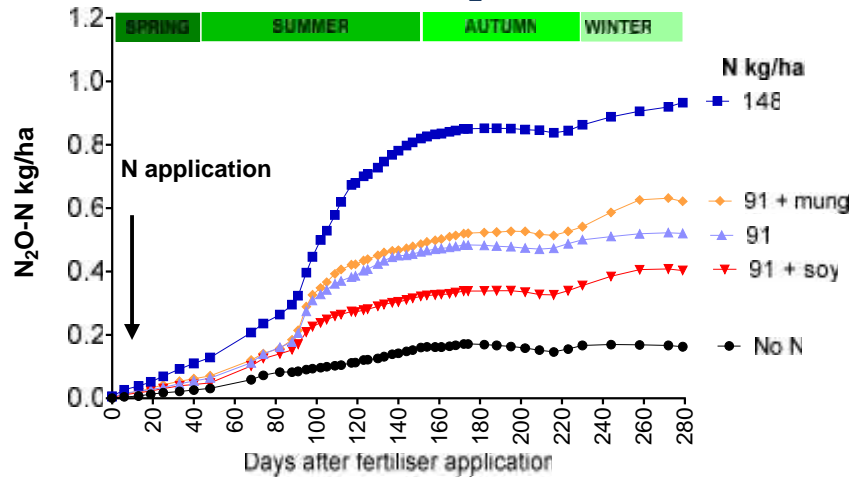


**Aim: reducing N supply in the early growth season, supplying N to sugarcane throughout the season and reducing N<sub>2</sub>O emissions**

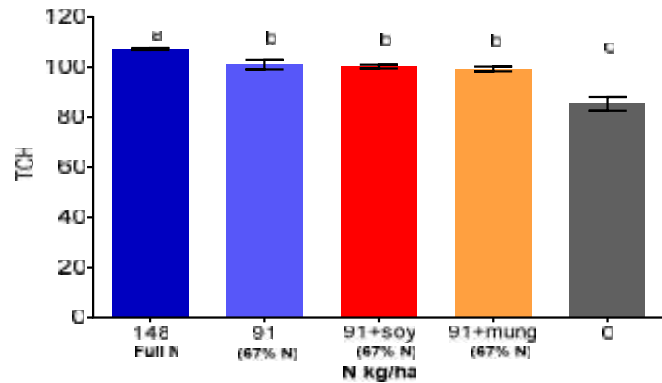


# Results

Cumulative N<sub>2</sub>O emissions



Cane yield



- Presence or absence of legume companion crops did not significantly alter N<sub>2</sub>O emissions at the reduced N rate.
- Cane yield of legumes as companion crops did not differ significantly at the reduced N rate.
- More studies should be done considering parameters such as timing and density of legume sowing, cultivars and other agronomic measures to have a complete information of legume performance as intercrop



# Thanks



More information Poster 53 😊



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