Alternative N application strategies for reduced N\textsubscript{2}O emissions in flood-furrow irrigated cotton

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N strategies

T1: 100 kg/ha pre-plant (ammonia) applied to non-irrigated rows + 2 x 30 kg/ha water-run urea

T2: 100 kg/ha pre-plant (ammonia) applied to irrigated rows + 2 x 30 kg/ha water-run urea

T3: 160 kg/ha pre-plant (ammonia) applied to non-irrigated rows. No water-run urea
Nitrous oxide emissions for 7 days after irrigation with water-run urea.

3 days after irrigation

- Pre-plant fertiliser band (NH$_3$)
- Soil mineral N (0-10 cm)
- Nitrous oxide flux
- Soil water content (0-10 cm)