




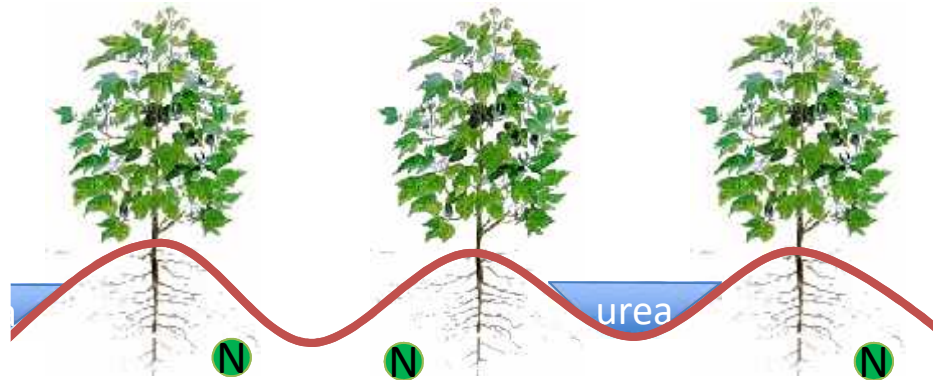
Department of  
Primary Industries

A tractor with a large white tank and multiple applicators is working in a field. The tractor is moving from left to right, leaving a trail of dark, tilled soil behind it. The background shows a line of trees under a clear sky.

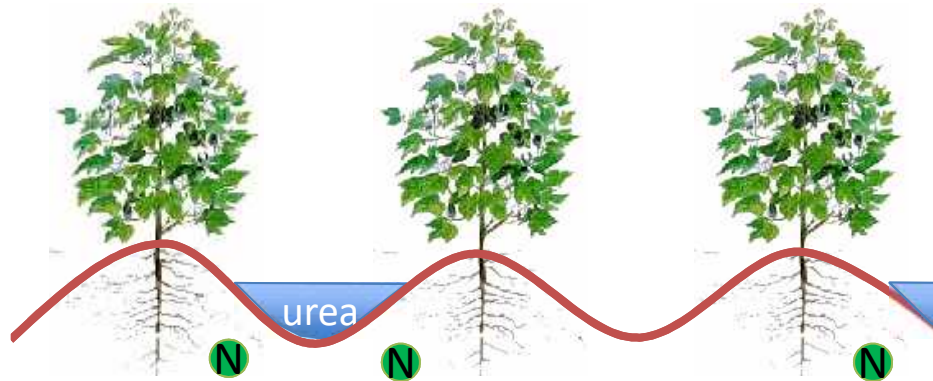
**Alternative N application strategies  
for reduced N<sub>2</sub>O emissions in flood-  
furrow irrigated cotton**

Graeme Schwenke and Annabelle McPherson

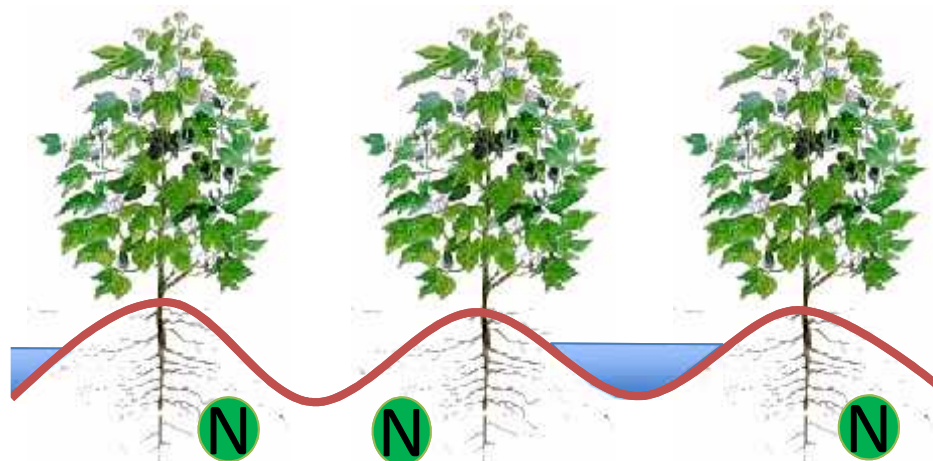
# N strategies



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

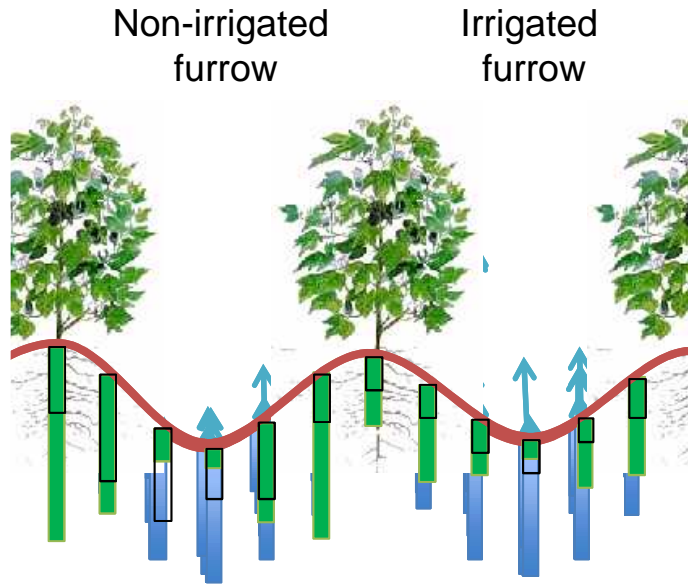


T2: 100 kg/ha pre-plant (ammonia) applied to irrigated rows + 2 x 30 kg/ha water-run urea



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



2 days after irrigation

