

Supplementary material for

Nitrogen mineralisation in sugarcane soils in Queensland, Australia: II. From laboratory to field-based prediction

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Table S1. Parameters for (a) sugar management and (b) fertiliser application applied in APSIM for the simulation of soil temperature and moisture conditions.

Description	Value
(a) Sugar management	
Sugar plant crop management parameters	
Enter name of crop to sow :	sugar
Enter planting date (dd-mmm) :	01-Apr
Duration of a plant crop (days) (30 days/month * 15 months) :	450
Stalk density of plant crop (/m ²) :	10
Planting variety :	q117
Planting depth (mm) :	150
Ratoon management parameters	
Number of ratoons (max = 5):	4
Duration of a ratoon crop (days) (30 days/month * 13 months) :	390
Stalk density of ratoon crop (/m ²) :	10
(b) Fertiliser management	
When should fertiliser be applied	
Enter fertiliser date (dd-mmm) :	01-Sep
Don't add fertiliser if N in top 2 layers exceeds (kg ha ⁻¹) :	1000
Fertiliser application details	
Module used to apply the fertiliser :	fertiliser
Amount of fertiliser to apply (kg ha ⁻¹) :	200
Sowing fertiliser type :	urea_N