

RP20 TRIAL RESULTS

– SITE 6



BRIA FARM

Soil type:
Sodic Duplex

Soil texture:
Clay

QDPI soil type:
2Dyb

Crop variety
Q183[Ⓟ]

Organic carbon:
0.77%

MEAN RESULTS FOR TONNES OF CANE, SUGAR AND CCS FOR EACH NITROGEN TREATMENT

		Treatment kg N/ha	Cane yield TCH	CCS units	Sugar yield TSH
Plant crop Date planted: 16/05/2011 Date harvested: 20/09/2012	SIX EASY STEPS rate – DYP 150	130	106	13.7	14.4
	SIX EASY STEPS rate – DYP 180	170	111	13.3	14.8
	Grower rate	210	113	12.8	14.5
	High rate	250	113	12.8	14.9
1st Ratoon Date harvested: 26/06/2013	SIX EASY STEPS rate – DYP 150	170	112	15.0	16.8
	SIX EASY STEPS rate – DYP 180	210	122	14.8	18.1
	Grower rate	250	126	14.2	17.8
	High rate	290	124	14.3	17.8
2nd Ratoon Date harvested: 13/11/2014	SIX EASY STEPS rate – DYP 150	170	108	17.4	18.8
	SIX EASY STEPS rate – DYP 180	210	111	17.3	19.2
	Grower rate	250	116	16.5	19.1
	High rate	290	117	16.6	19.4
3rd Ratoon Date harvested: 07/07/2015	SIX EASY STEPS rate – DYP 150	170	80	14.7	11.7
	SIX EASY STEPS rate – DYP 180	210	75	14.7	11.0
	Grower rate	250	76	14.3	10.8
	High rate	290	76	14.0	10.7

REVENUE LESS FERTILISER, HARVESTING COSTS AND LEVIES OVER FULL CROP CYCLE



This trial site was generally well managed. The crop was established with few gaps and weed management was good over the four seasons. Irrigation management appeared to be generally adequate.

Higher N rates had a negative impact on CCS in the 1st and 2nd ratoon crops.