Trial results – Site 15

Queensland Government

Sugar Research Australia

Delta farm

Soil type
Vertosol

QDPI soil type
RUgd

Organic carbon
1.3%

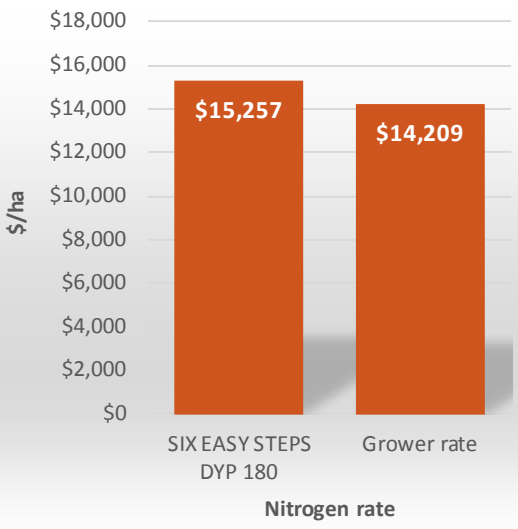
Soil texture
Clay loam

Crop variety
Q253Φ

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: 01/04/2013* *Date harvested: 01/07/2014*	**SIX EASY STEPS rate – DYP 180**	**150**	**197**	**13.4**	**26.2**
	Grower rate	190	201	12.8	25.7
	High rate	230	198	12.9	25.5
1st Ratoon *Date harvested: 30/06/2015*	**SIX EASY STEPS rate – DYP 150**	150	186	12.1	22.5
	SIX EASY STEPS rate – DYP 180	**190**	**192**	**12.0**	**23.1**
	Grower rate	230	185	11.9	22.0
2nd Ratoon *Date harvested: 29/09/2016*	**SIX EASY STEPS rate – DYP 150**	150	163	13.2	21.6
	SIX EASY STEPS rate – DYP 180	**190**	**167**	**13.0**	**21.7**
	Grower rate	230	167	12.6	21.0

Revenue less fertiliser, harvesting costs and levies from plant cane to 2nd ratoon



** This graph compares only two rates as a high rate treatment was not applied at this trial site for the 1st or 2nd ratoons.*

This trial site was managed according to best management principles.

The crop was established with few gaps and weed management was very good over the three crop stages.

Very good farm management practices combined with good soil fertility has allowed this grower to achieve consistent high cane and sugar yields over the duration of the trials.

Moddus® was applied to the plant, 1st ratoon and 2nd ratoon crops.