

# RP20 TRIAL RESULTS

## – SITE 8



### BRIA FARM

Soil type:  
**Sodic Duplex**

Soil texture:  
**Clay loam**

QDPI soil type:  
**2Dyb**

Crop variety  
**Q208<sup>Ⓟ</sup>**

Organic carbon:  
**0.6%**

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

|   |                               | Treatment<br>kg N/ha | Cane yield<br>TCH | CCS<br>units | Sugar yield<br>TSH |
|---|-------------------------------|----------------------|-------------------|--------------|--------------------|
| <b>Plant crop</b><br>Date planted:<br>16/05/2011<br>Date harvested:<br>08/09/2012 | SIX EASY STEPS rate – DYP 150 | 130                  | 126               | 15.9         | 20.0               |
|   | SIX EASY STEPS rate – DYP 180 | 170                  | 131               | 15.5         | 20.3               |
|   | Grower rate                   | 210                  | 134               | 15.6         | 20.9               |
|   | High rate                     | 250                  | 136               | 15.6         | 21.2               |
| <b>1st Ratoon</b><br>Date harvested:<br>06/09/2013                                | SIX EASY STEPS rate – DYP 150 | 170                  | 79                | 16.2         | 12.8               |
|   | SIX EASY STEPS rate – DYP 180 | 210                  | 82                | 16.2         | 13.3               |
|   | Grower rate                   | 250                  | 84                | 16.2         | 13.6               |
|   | High rate                     | 290                  | 85                | 16.0         | 13.6               |
| <b>2nd Ratoon</b><br>Date harvested:<br>12/08/2014                                | SIX EASY STEPS rate – DYP 150 | 170                  | 79                | 17.3         | 13.7               |
|   | SIX EASY STEPS rate – DYP 180 | 210                  | 82                | 17.1         | 14.0               |
|   | Grower rate                   | 250                  | 81                | 17.2         | 14.0               |
|   | High rate                     | 290                  | 86                | 16.9         | 14.4               |
| <b>3rd Ratoon</b><br>Date harvested:<br>09/09/2015                                | SIX EASY STEPS rate – DYP 150 | 170                  | 84                | 18.1         | 15.1               |
|   | SIX EASY STEPS rate – DYP 180 | 210                  | 81                | 18.2         | 14.7               |
|   | Grower rate                   | 250                  | 85                | 18.0         | 15.4               |
|   | High rate                     | 290                  | 85                | 17.9         | 15.3               |

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



The plant crop was established with few gaps and weed management was good over the four crop stages.

Prior to planting, gypsum was applied to this block at a rate of 5 tonnes/ha.

Soil moisture monitoring data collected during the development of the 3rd ratoon crop along with general observations over the duration of the trial indicated that irrigation management practices could be adjusted to improve productivity at this site.