

## Sugar Cane Trials Queensland 2012- current

### MaxSil in sugar cane 2012-2014

Initially, two farm trials were established with sugar growers in the Tully region during 2012. Both growers purchased the product so the trial was reliant on their observations. These crops were harvested during October 2013. Both growers reported an observed increase in yield and sugar content. Both growers have since repurchased and applied MaxSil™ product for plant and ratoon cane for the 2013 season.

### MaxSil in sugar cane 2013-2014

Further trials were established in late 2013 with ISIS, Maryborough, Bundaberg and Tully Sugar and with Sugar Productivity agronomists at Ingham.

The trials are significant as they encompass some 200 hectares of both plant and ratoon cane in different geographic areas as well as a mixture of irrigated and rain fed crops.

The trials are being conducted by the agronomists and farm managers responsible for farm assets owned and operated by the mills. The results of the current trials attached show clear evidence that MaxSil™ works as promised with an average increase to date of nearly 5 tonnes per hectare.

Of interest is that consistent with the superb results we have seen from both young and older crops, one of the trial sites was a 7<sup>th</sup> ratoon that showed a yield increase of over five and a half tonnes per hectare.

### Summary MaxSil Sugar Cane Trial results 2014

Company and Farm or Block	Area	Variety	Class	Duration	Yield Increase
<b>ISIS Sugar</b>					
Tobins Wallaville	18 ha		1R and Plant	8 months	4.953 tonnes
Emdex 8A <sup>(1)</sup>	26.4 ha	KQ228	1R	8 months	3.016 tonnes
Emdex 29A	41 ha		1R	9 months	5.735 tonnes
Emdex 28A	40 ha		2R	9 months	5.778 tonnes
Emdex 20A	26 ha	Q232	1R	10 months	8.38 tonnes
<b>Tully Sugar</b>					
TSL Syndicate Farm Block 11B <sup>(2)</sup>	5 ha	Q200	3R	10 months	0.5 tonnes
TSL Syndicate Farm Block 11C <sup>(3)</sup>	5 ha	Q200	7R	10 months	5.5 tonnes
<b>Bundaberg Sugar</b>					
BSL Farm 30191 Block 10A <sup>(4)</sup>	20.08 ha	KQ228	2R	10 months	9.47 tonnes
BSL Farm 30191 Block 11A <sup>(4)</sup>	27.96 ha	KQ 228	2R	10 Months	0.77 tonnes

#### Notes:

- (1) The Wallaville crop was damaged by severe frost
- (2) This was poor quality cane which was badly affected by the 2011 season when established. Crop is "plough out" in 2014
- (3) This block was older than 11B but in much better condition – 7<sup>th</sup> ratoon and also "plough out" in 2014
- (4) The results show an average increase of 5.12 tonnes.