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Used by growers  
Owned by growers

[www.smartcane.com.au](http://www.smartcane.com.au)

# Block record keeping booklet

## Farm Details

Your Name

Farm No

Total Farm Area (ha)

Block Number

Block Area (ha)



**FERTILISER CALIBRATION & FERTILISER RECORD**



# SMARTCANE BMP

## Block record keeping template

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### CALIBRATION OF FERTILISER BOX

\*Output (litres/minute) = no. of nozzles x output per nozzle in one minute.

\*\*Distance (metres/minute) = km/h x 1000 ÷ 60 (e.g. 6km/h = 6 x 1000 ÷ 60 = 100 metres/minute)

Row Spacing (metres)	Distance Measured (metres)	Type of Applicator
1.8	44	Stool Splitter

Row Spacing Imperial	Row Spacing Metres (m)	Measure this Distance (m)
4'6"	1.37	59
4'8"	1.42	57
4'10"	1.47	55
5'	1.52	53
5'2"	1.57	51
5'3"	1.6	50
6'	1.83	44
6'6"	1.98	40

\*Kilograms collected over distance equals the number of 50kg bags per acre. To convert 50kg bags/ acre to kg/ha, multiply by 123.5  
 4.5 50kg bags/ acre X 125 = 562kg/ha

Date	Product	Kilograms Caught Over a Single Row (kg)	Bags Product per Acre*	Kilograms Product per Hectare (ha)
1/08/2013	Nitraking	4.1	4.1	512.5 kg/ha

Example: row spacing is 6'0" (1.83m). Measure out 44m of row and collect fertiliser output for one row over this distance. Weigh collected fertiliser. If weight is 3.2kg, box is putting out 3.2 x 50kg bags/acre. If weight is 4.5kg, box is putting out 4.5 x 50kg bags/acre.  
 For additional information [http://www.sugarresearch.com.au/icms\\_docs/164354\\_Calibrating\\_your\\_fertiliser\\_box\\_JS13021.pdf](http://www.sugarresearch.com.au/icms_docs/164354_Calibrating_your_fertiliser_box_JS13021.pdf)



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