

PRACTICE FACT SHEET

BEAN CALIBRATION GUIDE



Project Catalyst is a grower-led innovation project in sugarcane that was formed to explore, validate and broadly adopt management practice changes for productivity gains and improved water quality for the Great Barrier Reef.

CALIBRATION WITH RUNNING METRES

10,000 sq metres (1 ha) ÷ row spacing (m) = A (running metres/ha)

A ÷ 100 metres = B

B x amount of seed caught over 100m (kg) OR seconds (see Table 1) = kg/ha

Example:

10,000 sq metres ÷ 1.8 metres = 5,555 running metres/ha

5,555 metres ÷ 100 metres = 55.55

55.55 x amount of seed caught in 40 seconds

55.55 x 0.450 kg = 24.9975 kg

Remember: Planting depth needs to be considered before planting with a bean planter. Seeds should be planted at: 25 - 50mm into the soil profile. Planting too deep or into soil that is too dry may affect germination.

Table 1 - Seconds from KPH over 100 metres

KPH	6	7	8	9	10	11	12
SEC	60	51	45	40	36	33	30

Table 2 - Quick guide to running metres per ha based on typical row spacings

Row Width (m)	Running m
1.55	6,666
1.66	6,250
1.65	6,060
1.7	5,882
1.75	5,714
1.8	5,555
1.85	5,405
1.9	5,263



Great Barrier
Reef Foundation



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