

# 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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