

Calibration Record Sheet 1 of 2

Sheet No: Date:/...../..... Paddock: (Trip No.): Airseeder: Rear Tyres:

STEP 1 Calculate the Sowing Width (W)

$$= \frac{\text{No of Sowing Tines} \times \text{Row Spacing (mm)}}{1000}$$

$$= \frac{\dots \times \dots}{1000}$$

$$= \dots \text{ m}$$

STEP 2 Calculate the Rolling Circumference (C)

$$= \frac{\text{Distance travelled for 10 Revs of the wheel}}{10}$$

$$= \frac{\dots \text{ (m)}}{10}$$

$$= \dots \text{ m}$$

Alternatively, refer to the Rolling Circumference data in the Table on page 5.12 in the Operator's Manual.

STEP 3 Select your Sowing Rates (R)

Front Bin:

Material:

Sowing Rate (R): kg/ha

Middle Bin:

Material:

Sowing Rate (R): kg/ha

Rear Bin:

Material:

Sowing Rate (R): kg/ha

Small Seeds Box:

Material:

Sowing Rate (R): kg/ha

To check total sowing rate capacity, use formula:

Tonnes/hour

$$= \frac{\text{Total Sowing Rate (kg/ha)} \times \text{Speed (km/h)} \times \text{Width (m)}}{10,000}$$

$$= \frac{\dots \times \dots \times \dots}{10,000}$$

$$= \dots \text{ tonnes/hour}$$

STEP 4 Meter & Weigh your Seed & Fertiliser (K)

Front Bin:

Metering Gate Setting: Fine/Medium/Coarse

Metered Weight (K): 1st kg

(20 turns crank handle: no faster than 30 rpm)

2nd kg

Middle Bin:

Metering Gate Setting: Fine/Medium/Coarse

Metered Weight (K): 1st kg

(20 turns crank handle: no faster than 30 rpm)

2nd kg

Rear Bin:

Metering Gate Setting: Fine/Medium/Coarse

Metered Weight (K): 1st kg

(20 turns crank handle: no faster than 30 rpm)

2nd kg

Small Seeds Box:

Metering Gate Setting: Fine/Medium

Metered Weight (K): 1st kg

(50 turns crank handle: no faster than 30 rpm)

2nd kg

Calibration Record Sheet 2 of 2

Sheet No: Date:/...../..... Paddock: (Trip No.): Airseeder: Rear Tyres:

STEP 5 Calculate the GDR

FRONT BIN

$$\text{GDR} = \frac{W \times C \times R}{158.6 \times K}$$

$$= \frac{\dots \times \dots}{158.6 \times \dots}$$

$$= \dots$$

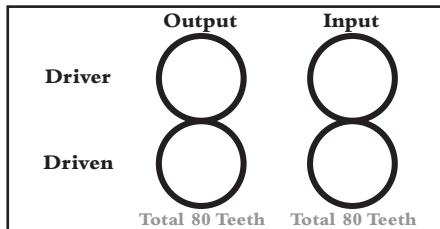
.....

$$= \dots$$

STEP 6 Select the Spur Gears

(see Gear Drive Ratio Charts, pages 6.15 to 6.17 in the Operator's Manual)

STEP 7 Fit the Spur Gears



STEP 5 Calculate the GDR

MIDDLE BIN

$$\text{GDR} = \frac{W \times C \times R}{158.6 \times K}$$

$$= \frac{\dots \times \dots}{158.6 \times \dots}$$

$$= \dots$$

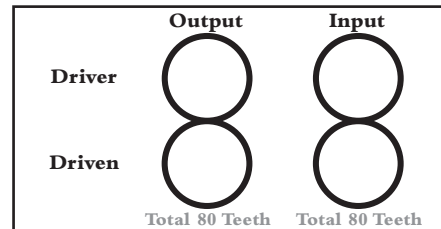
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$$= \dots$$

STEP 6 Select the Spur Gears

(see Gear Drive Ratio Charts, pages 6.15 to 6.17 in the Operator's Manual)

STEP 7 Fit the Spur Gears



STEP 5 Calculate the GDR

REAR BIN

$$\text{GDR} = \frac{W \times C \times R}{158.6 \times K}$$

$$= \frac{\dots \times \dots}{158.6 \times \dots}$$

$$= \dots$$

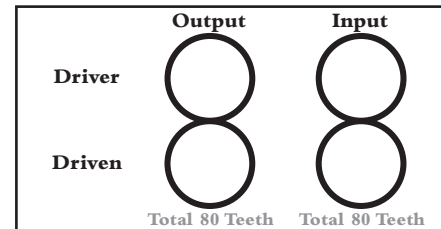
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$$= \dots$$

STEP 6 Select the Spur Gears

(see Gear Drive Ratio Charts, pages 6.15 to 6.17 in the Operator's Manual)

STEP 7 Fit the Spur Gears



STEP 5 Calculate the GDR

SMALL SEEDS BOX

$$\text{GDR} = \frac{W \times C \times R}{51.0 \times K}$$

$$= \frac{\dots \times \dots}{51.0 \times \dots}$$

$$= \dots$$

.....

$$= \dots$$

STEP 6 Select the Spur Gears

(see Gear Drive Ratio Charts, page 6.18 in the Operator's Manual)

STEP 7 Fit the Spur Gears

