In addition to correct placement of suSCon granules given the sugarcane grub species being targeted, applying the desired rate of suSCon is crucial in maximising performance of this unique controlled release technology.

With unavoidable wear and tear on application equipment, it is imperative that applicators are calibrated annually, prior to the application of suSCon to ensure continued operational efficiency.

**WHAT TO LOOK FOR**

1. Check cogs/flutes are in good operating condition i.e. worn cogs/flutes result in erratic application.
2. Check cogs/flutes are aligned consistently between the applicator boxes - variations between boxes can lead to significant differences in application - refer to Figures 1 and 2.
3. Check that bushes and washers at the end of the cogs/flutes are not worn, as this creates a gap between the cogs and brushes and results in an undesirable increase in granule flow and excessive application.

**CALIBRATION STEPS**

1. Measure 100m length of row - it is important to perform the calibration process under field conditions to account for wheel-slip.
2. Capture granules metered out per 100m row in a bag or jug.
3. Weigh each metered volume and make adjustments as required to achieve a consistent application rate of 150g per 100m row OR 225g per 100m row as per the suSCon Maxi Intel Directions for Use.

For more information on suSCon Maxi Intel, contact your local Nufarm Area Sales Manager.

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The information and recommendations set out in this brochure are no substitute for professional or expert advice and are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. To the maximum extent permitted by law, Nufarm Australia Limited disclaims all warranties of any kind, whether express or implied, including but not limited to any warranty that the information is up-to-date, complete, true, legally compliant, accurate, non-misleading or suitable.

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Catch and weigh suSCon granules from both outlets of each applicator over 100 metres.

Determine the number of running metres in one hectare from the row width.

Multiply the weight of the granules in grams by the number of metres to the hectare and then divide by 100,000 (1000 to bring weight to kilograms and 100 due to the measurement over 100m).

Average the rate of all the applicators to determine the measured rate per hectare.

### FORMULA TO ADJUST COG SIZE

**FOR THE DRIVING COG**

Number of teeth required = No. of teeth on existing cog ( ) x required rate ( kg)

\[
\text{Measured rate ( kg)}
\]

Required size = \[ \text{ } \times \text{ } \text{ kg} \] = \[ \text{ } \text{ kg} \]

**FOR THE DRIVEN COG**

Number of teeth required = No. of teeth on existing cog ( ) x required rate ( kg)

Required rate ( kg)

Required size = \[ \text{ } \times \text{ } \text{ kg} \] = \[ \text{ } \text{ kg} \]

| ROW SPACING | METRES  
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>4’ 9” = 1.45m</td>
<td>6901m</td>
</tr>
<tr>
<td>4’ 10” = 1.47m</td>
<td>6793m</td>
</tr>
<tr>
<td>5’ 0” = 1.52m</td>
<td>6557m</td>
</tr>
<tr>
<td>5’ 2” = 1.58m</td>
<td>6345m</td>
</tr>
<tr>
<td>5’ 4” = 1.63m</td>
<td>6146m</td>
</tr>
<tr>
<td>1.5m</td>
<td>6667m</td>
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</tbody>
</table>