



# Calibration for use in sugar cane

Calibrating Confidor Guard® applications in sugarcane is just like calibrating a spray boom – you will need to measure the flow rate and ground speed.

Name \_\_\_\_\_

Tractor \_\_\_\_\_

Gear \_\_\_\_\_

Range \_\_\_\_\_

## 1. Flow rate (output per row per minute):

Measure volume from all nozzles over one row for 60 seconds. Generally this is either from one or two nozzles only per row.

Nozzle 1	=	_____	Litres
Nozzle 2	=	_____	Litres
<b>TOTAL (Nozzle 1 &amp; 2)</b>	=	_____	<b>Litres (A)</b>

## 2. Ground speed (as time over 100 metres row):

Measure time to cover 100 metres in field with the implement working.

Time to travel 100 metres	=	_____	sec (B)
Divide by 60 to give time in minutes ( B ÷ 60 )	=	_____	mins (C)

## 3. To calculate output per 100 metres:

Output flow (D) = A x C = \_\_\_\_\_ Litres per 100 m row

## 4. To calculate how much Confidor Guard® for each tank load:

Tank size	=	_____	Litres (E)	11mL/100m = 720mL /ha rate
Confidor Guard rate (mL per 100 metres row) 11, 16 or 22	=	_____	mL (F)	16mL/100m = 1.05L /ha rate 18mL/100m = 1.2L /ha rate 22mL/100m = 1.44L /ha rate

Rates per ha are calculated on a row spacing of 1.52m. See back for rates per ha under deferent row spacing

**Confidor Guard® per tank load** or **Confidor Guard® per 100L**  
 = ( E ÷ D ) x F ÷ 1000 (Litres) = ( 100 ÷ D ) x F ÷ 1000 (Litres)  
 = \_\_\_\_\_ Litres = \_\_\_\_\_ Litres

