
Formula A Speed (km/h)

Option 1 $\frac{\text{distance traveled (m)} \times 3.6}{\text{Time in (seconds)}}$

or

Option 2 $\text{distance traveled (m)} \times 3.6 / \text{time (seconds)}$

Formula B Litres per hectare (L/ha)

Option 1 $\frac{\text{Output of nozzle (L/min)} \times 600}{\text{Spray width (m)} \times \text{speed (km/h)}}$

or

Option 2 $\text{Output of nozzle (L/min)} \times 600 / \text{spray width (m)} / \text{speed (km/h)}$

Formula C Litres per minute

Option 1 $\frac{\text{Litres per ha} \times \text{Spray width (m)} \times \text{Speed (km/h)}}{600}$

or

Option 2 $\text{Litres per ha} \times \text{Spray width (m)} \times \text{Speed (km/h)} / 600$

Formula D Calculating required travel speed (km/H)

Option 1 $\frac{\text{Output (L/min)} \times 600}{\text{width (m)} / \text{application rate (L/ha)}}$

or

Option 2 $\text{Output (L/min)} \times 600 / \text{Spray width (m)} / \text{application rate (L/ha)}$

Formula E Area covered by one tank full

Option 1 $\frac{\text{Spray tank volume (Litres)}}{\text{water application rate (L/ha)}}$

or

Option 2 $\text{Spray tank volume (Litres)} / \text{water application rate (Litre/ha)}$

Formula F Quantity of produce of per tank load

$\text{Area covered by tank (ha)} \times \text{product rate per ha}$