

How To Calibrate A Knapsack Sprayer

- 1. Record time taken to spray 100m using water
- 2. Record amount of water sprayed into jug in 1 minute
- 3. Measure spray width with nozzle held at comfortable height

	1. <u>Recor</u>	d Inf	ormat	ion In B	oxes							
	Seconds Tak Walk 100		<u></u>	Flow Rate in Litres (L)				Spray Width Meters (m				
2. Convert Walking Speed Into Kilometres Per Hour (km/h)												
	360			Seconds Taken To Walk 100m					Walking Speed In (km/h)			
				<u>:</u>				=				
	3. <u>Calcu</u>	late '	Volum	e Spray	ed Pe	er Hecta	<u>re</u>					
				w Rate In itres (L)		Spray Width In Meters (m)		Walking Speed (km/h)		Volume Sprayed Per Hectare (I/ha)		
	600	X			÷			÷		=		
4. Calculate Area To Be Sprayed												
	Length In Met	Length In Meters (m)			Width In Meters (m)				1	1) Area In Square Meters (m²)		
				X				=				
5. <u>Calculate Total Amount of Water for Area</u>												
Area In Square Meters (m²)					ctare n²	e Vo		Volume Sprayed Per Hectare (I/ha)		Total Amount of Water Needed		

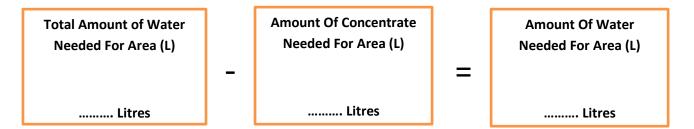
Area In Square Meters (m²)	÷	Size Of Hectare 10,000m ²	X	Volume Sprayed Per Hectare (I/ha)	=
		10000			

..... Litres

6. Calibrate Amount of Concentrate For Area

Area In Square **Size Of Hectare Concentrate Required** Meters (m²) 10,000m² For 1 Hectare (ha) **Concentrate Needed** X 10000 •••••

7. Calculate Amount Of Water Needed For Area



Total Amount Of

..... Litres

To Convert To Millilitres Multiply By 1000 ----- Litres (L) x 1000 = Millilitres (ml)

To Convert To Acres Divide By 2.47

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