



Spray plan completed by: Craig Day (ALWAYS read the Label)

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Standard Sprayer		
Description of rig	Stolls S6		
Location, Date	Oct-25		
Product or products	Summer 2,4-D		
Target pest(s)			
Droplet size recommendation per label or agronomist	XC-VC		
Water rate l/ha (minimum recommended)	75	L/ha	
Determine:			
Minimum speed you wish to travel	14.56	km/hr	
Constant speed you wish to travel	16	km/hr	
Maximum speed you wish to travel	16.32	km/hr	
Boom nozzle spacing (W) in metres	0.5	metre	
Total boom width	24	metre	
No. of nozzles on boom	48	nozzles	
Litres per minute per nozzle = km/hr x W (nozzle spacing in metres) x litres/ha ÷ 600			
L/min/nozzle			
Minimum	Constant	Maximum	Refer to nozzle chart record selection
0.91	1.00	1.02	Nozzle Size Pressure
			• •
			• •
			• •
Nozzle code selected		SELECT	
		TTI11002 YELLOW	
Droplet Size			
Pressure range			

Step 1



Total No. of Nozzles

Combination of Nozzles		
Twin cap	Nozzle 1	Nozzle 2
Dual Line	Line A	Line B
Spray quality		

W = nozzle spacing (in metres) for broadcast spraying

or

W = spray width (in metres) for single nozzle brand spraying or boomless spraying

or

W = row spacing (in metres) divided by the number of nozzles per row for directed spraying

Minimum

Constant

Maximum

Spray quality as per ISO 25358	XC	VC	VC
Pressure as per nozzle chart	4	4.8	5
Litres per minute/nozzle	0.91	1.00	1.02
Duty cycle %			

Step 2

Kilometres/hour

= Litres per minute per nozzle x 600 ÷ litres sprayed hectare ÷ width (nozzle spacing in metres)

Speed km/h	14.56	16	16.32
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Litres/hectare

= Litres per minute per nozzle x 600 ÷ width (nozzle spacing in metres) ÷ kilometres per hour

Litres/hectare	75	75	75
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Final Check

Sprayer Operation Rules

Pressure 1 bar = 100 kpa = 14.5psi

Panel Settings

Minimum / Buffer Zone

Constant

Maximum

Total litres per minute all nozzles	43.68	48	48.96
Litres/minute/nozzle x number of nozzles			
Speed km/h	14.56	16	16.32
Pressure in bar	4	4.8	5
Spray quality as per ISO 25358	XC	VC	VC