



Spray plan completed by: Craig Day (ALWAYS follow Label requirements)

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Plan Standard Sraier		
Description of rig	Hardi 5030		
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)	85	L/ha	
Determine:			
Minimum speed you wish to travel	16	km/hr	
Constant speed you wish to travel	18	km/hr	
Maximum speed you wish to travel	19.76	km/hr	
Boom nozzle spacing (W) in metres	0.5	metre	
Total boom width	30	metre	
No. of nozzles on boom	60	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
1.13	1.28	1.3996667	Nozzle Size Pressure • • • • • •
Nozzle code selected		SELECT	
		TTI110025 PURPLE	
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	5	6
Litres per minute/nozzle	1.14	1.28	1.40
Duty cycle %			

Step 2

Kilometres/hour

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

Speed km/h	16.09411765	18.07058824	19.76470588
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Litres/hectare

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

Litres/hectare	85	85	85
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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	68.4	76.8	84
Litres/minute/nozzle x number of nozzles			
Speed km/h	16.09411765	18.07058824	19.76470588
Pressure in bar	4	5	6
Spray quality as per ISO 25358	XC	VC	VC