



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Gold Acres 5036		
Description of rig	Gold Acres 5036		
Location, Date	Oct-25		
Product or products	Summer		
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	15	km/hr	
Constant speed you wish to travel	18.1	km/hr	
Maximum speed you wish to travel	20	km/hr	
Boom nozzle spacing (W) in metres	0.5	metre	
Total boom width	36	metre	
No. of nozzles on boom	72	nozzles	
Litres per minute per nozzle = km/hr x W (nozzle spacing in metres) ÷ 600 L/min/nozzle			
Minimum	Constant	Maximum	Refer to nozzle chart record selection
1.06	1.28	1.416667	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	3.5	5	6
Litres per minute/nozzle	1.06	1.28	1.42
Duty cycle %			

Step 2

Kilometres/hour

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

Speed km/h	15	18.1	20
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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			
Litres/minute/nozzle x number of nozzles	76.5	92.31	102
Speed km/h	15	18.1	20
Pressure in bar	3.5	5	6
Spray quality as per ISO 25358	XC	VC	VC