



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Nitro 6333	
Description of rig	Nitro 6333	
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)	80	L/ha
Determine average speed you wish to travel	22	km/hr
Spray zone awareness hazards of a sensitive nature/buffer zone		
Boom nozzle spacing (W) in metres	0.508	metre
Total boom width	36.5	metre
No. of nozzles on boom	72	nozzles
Litres per minute per nozzle = km/hr x W (nozzle spacing in metres) x litres/ha ÷ 600		
	L/min/nozzle	
1.490133333	Refer to nozzle chart record selection	
	Nozzle Size	Pressure
	•	•
	•	•
	•	•
Nozzle code selected	SELECT	
	TTI11004 RED	
Droplet Size		
Pressure range		



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

	Minimum		Constant		Maximum	
Spray quality as per ISO 25358	VC		VC		VC	
Pressure as per nozzle chart	4		4		4	
litres per minute/nozzle	0.91	1.09	1.27	1.46	1.64	1.82
Duty cycle %	50%	60%	70%	80%	90%	100%

Kilometres/hour

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

Speed km/h	13.435039	16.122047	18.80905512	21.49606299	24.18307087	26.87007874
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Litres/hectare

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

Litres / hectare	80	80	80	80	80	80
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Final Check

Sprayer Operation Rules

Pressure 1 bar = 100 kpa = 14.5psi

Panel Settings Minimum / Buffer Zone Constant Maximum

	Minimum / Buffer Zone		Constant		Maximum	
Total litres per minute all nozzles						
Litres/minute/nozzle x number of nozzles	65.52	78.624	91.728	104.832	117.936	131.04
Speed km/h	13.435039	16.122047	18.80905512	21.49606299	24.18307087	26.87007874
Pressure in bar	4		4		4	
Spray quality as per ISO 25358	VC		VC		VC	

Step 1

Step 2