



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Plan Nitro	
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)	65	L/ha
Determine:		
Minimum speed you wish to	16.8	km/hr
Constant speed you wish to	23.9	km/hr
Maximum speed you wish to	24.9	km/hr
Boom nozzle spacing (W) in metres	0.5	metre
Total boom width	36.5	metre
No. of nozzles on boom		nozzles
Litres per minute per nozzle = km/hr x W (nozzle spacing in metres) x litres/ha ÷ 600 L/min/nozzle		
Minimum	Constant	Maximum
0.91	1.29	1.34875
Refer to nozzle chart record selections		
Nozzle Siz Pressure		
• • •		
• • •		
• • •		
Nozzle code selected		
SELECT SELECT		
TTI11002 SELECT TTI110025 PURPLE		
Droplet Size		
Pressure range		



Total No. of Nozzles _____

Combination of Nozzles		
3TS	Nozzle 1 Quantity 73	Nozzle 2 Quantity 74
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

	Tier 1			Tier 2			Tier 3		
	Minimum	Constant	Maximum	Minimum	Constant	Maximum	Minimum	Constant	Maximum
Spray quality as per ISO 25358	XC	VC	VC	XC	VC	VC	SELECT	SELECT	SELECT
Pressure as per nozzle chart	4	5	6	4	5	5.5			
Litres per minute/nozzle	0.91	1.02	1.12	1.14	1.28	1.35			
Duty cycle %									

Kilometres/hour

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

Speed km/h	16.80	18.83	20.68	21.05	23.63	24.9231	0.00	0.00	0.00
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Litres/hectare

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

Litres/hectare	65	65	65	65	65	65	#DIV/0!	#DIV/0!	#DIV/0!
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Final Check**Sprayer Operation Rules**

Pressure 1 bar = 100 kpa = 14.5psi

Panel Settings	Tier 1			Tier 2			Tier 3		
Total litres per minute all nozzles	66.43	74.46	81.76	84.36	94.72	99.9	0	0	0
Litres/minute/nozzle x number of nozzles									
Speed km/h	16.80	18.83	20.68	21.05	23.63	24.9231	0	0	0
Pressure in bar	4	5	6	4	5	5.5	0	0	0
Spray quality as per ISO 25358	XC	VC	VC	XC	VC	VC	SELECT	SELECT	SELECT

Step 1

Step 2