



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Goldacres 2TS		
Description of rig	Gold Acres 2TS		
Location, Date		Dec-25	
Product or products	Summer Spray		
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	12.85	km/hr	
Constant speed you wish to	24	km/hr	
Maximum speed you wish to	25	km/hr	
Boom nozzle spacing (W) in metres	0.5	metre	
Total boom width	24	metre	
No. of nozzles on boom	48 sets	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 selections
0.91	1.70	1.77083	Nozzle Siz Pressure
			• •
			• •
			• •
Nozzle code selected	SELECT	SELECT	
	TTI11002	TTI110015	GREEN
Droplet Size			
Pressure range			



1st Nozzle



then add 2nd

Tier Value 54 L/min

Total No. of Nozzles _____

Combination of Nozzles		
3TS	Nozzle 1 Quantity 48	Nozzle 2 Quantity 48
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	UC	XC	XC	VC	SELECT	SELECT
Pressure as per nozzle chart	4	5	6	2.5	3	4	5		
Litres per minute/nozzle	0.91	1.02	1.12	1.26	1.38	1.59	1.78		
Duty cycle %									

Kilometres/hour

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

Speed km/h	12.85	14.40	15.81	17.79	19.48	22.4471	25.13	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	85	85	85	85	85	85	85	#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	43.68	48.96	53.76	60.48	66.24	76.32	85.44	#VALUE!	#VALUE!
Litres/minute/nozzle x number of nozzles									
Speed km/h	12.85	14.40	15.81	17.79	19.48	22.4471	25.1294	0	0
Pressure in bar	4	5	6	2.5	3	4	5	0	0
Spray quality as per ISO 25358	XC	VC	VC	UC	XC	XC	VC	SELECT	SELECT

Step 1

Step 2