



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Plan Goldacres	
Description of rig	Goldacres 5030	
Location, Date		
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:		
Minimum speed you wish to	13.65	km/hr
Constant speed you wish to	15	km/hr
Maximum speed you wish to	19	km/hr
Boom nozzle spacing (W) in metres	0.5	metre
Total boom width	30	metre
No. of nozzles on boom	61	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	1.00	1.26667
Refer to nozzle chart record selections		
Nozzle Siz Pressure		
• • •		
• • •		
• • •		
Nozzle code selected	SELECT	SELECT
	TTI11002	TTI110025 PURPLE
Droplet Size		
Pressure range		



1

THEN



2

Total No. of Nozzles _____

Combination of Nozzles		
3TS	Nozzle 1 Quantity 61	Nozzle 2 Quantity 62
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	6			
Litres per minute/nozzle	0.91	1.02	1.12	1.14	1.28	1.40			
Duty cycle %									

Kilometres/hour

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

Speed km/h	13.65	15.30	16.80	17.10	19.20	21	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	80	80	80	80	80	80	#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	55.51	62.22	68.32	70.68	79.36	86.8	0	0	0
Litres/minute/nozzle x number of nozzles									
Speed km/h	13.65	15.30	16.80	17.10	19.20	21	0	0	0
Pressure in bar	4	5	6	4	5	6	0	0	0
Spray quality as per ISO 25358	XC	VC	VC	XC	VC	VC	SELECT	SELECT	SELECT

Step 1

Step 2