



Spray plan completed by: _____

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray HubPlan Boss	
Description of rig	Boss Ag CSX 24.4m	
Location, Date		Nov-25
Product or products	Broad Acre Summer	
Target pest(s)		
Droplet size recommendation per label or agronomist	XC	
Water rate l/ha (minimum recommended)	60	L/ha
Determine average speed you wish to travel	10	km/hr
Spray zone awareness hazards of a sensitive nature/buffer zone		
Boom nozzle spacing (W) in metres	0.5	metre
Total boom width	24.5	metre
No. of nozzles on boom	49	nozzles
Litres per minute per nozzle = km/hr x W (nozzle spacing in metres) x litres/ha ÷ 600		
	L/min/nozzle	
Refer to nozzle chart record selection		
0.5	Nozzle Size	Pressure
	•	•
	•	•
	•	•
Nozzle code selected	SELECT	
	SELECT	
Droplet Size		
Pressure range		

Step 1



0.5m Nozzle Spacing

Total No. of Nozzles _____ Accupulse 015

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		XC		XC	
Pressure as per nozzle chart	4		4		4	
Litres per minute/nozzle	0.34	0.41	0.48	0.54	0.61	0.68
Duty cycle %	50%	60%	70%	80%	90%	100%

Step 2

Kilometres/hour

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

Speed km/h	6.8	8.16	9.52	10.88	12.24	13.6
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Litres/hectare

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

Litres / hectare	60	60	60	60	60	60
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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	16.66		19.992	23.324		26.656	29.988		33.32
Litres/minute/nozzle x number of nozzles									
Speed km/h	6.8		8.16	9.52		10.88	12.24		13.6
Pressure in bar	4			4			4		
Spray quality as per ISO 25358	XC			XC			XC		