



Spray plan completed by: (ALWAYS Read the Label)

Sprayer Set Up Record / Sprayer Operation Procedure

Operator	Spray Hub Tier Plan	
Description of rig	Gold Acres G4	
Location, Date		Oct-25
Product or products	Xtendimax 2 Dicamba	
	irrigated row crop	
Target pest(s)		
Droplet size recommendation per label or agronomist	XC-VC	
Water rate l/ha (minimum recommended)	100	L/ha
Determine:		
Minimum speed you wish to	8.16	km/hr
Constant speed you wish to	20	km/hr
Maximum speed you wish to	22	km/hr
Boom nozzle spacing (W) in metres	0.5	metre
Total boom width	36.5	metre
No. of nozzles on boom	73.5	nozzles
$\text{Litres per minute per nozzle} = \text{km/hr} \times \text{W} (\text{nozzle spacing in metres}) \times \text{litres/ha} \div 600$		
	L/min/nozzle	
Minimum	Constant	Maximum
0.68	1.67	1.83333
Refer to nozzle chart record selections		
Nozzle Siz Pressure		
• •		
• •		
• •		
Nozzle code selected	SELECT	SELECT
	TTI11001! SELECT	TTI11002 YELLOW
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	XC	XC	VC
Pressure as per nozzle chart	4	5	6	4	5	6	3	4	5
Litres per minute/nozzle	0.68	0.76	0.83	0.91	1.02	1.12	1.38	1.59	1.78
Duty cycle %									

Step 2 Kilometres/hour

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

Speed km/h	8.16	9.12	9.96	10.92	12.24	13.44	16.56	19.08	21.36
------------	------	------	------	-------	-------	-------	-------	-------	-------

Litres/hectare

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

Litres/hectare	100	100	100	100	100	100	100	100	100
----------------	-----	-----	-----	-----	-----	-----	-----	-----	-----

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	49.64	55.48	60.59	67.34	75.48	82.88	101.43	116.865	130.83
Litres/minute/nozzle x number of nozzles									
Speed km/h	8.16	9.12	9.96	10.92	12.24	13.44	16.56	19.08	21.36
Pressure in bar	4	5	6	4	5	6	3	4	5
Spray quality as per ISO 25358	XC	VC	VC	XC	VC	VC	XC	XC	VC