

MPH 20 inch Nozzle Spacing

US Gallons Per Acre

Spray Tip	Pressure (PSI)	Flow Rate (GPM)	US Gallons Per Acre																																																															
			2.5				5				7.5				10				12.5				15				17.5				20				22.5				25				27.5				30				32.5				35				37.5				40			
			25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%												
02	20	0.14	4.2	8.4	12.6	16.8	2.1	4.2	6.3	8.4	1.4	2.8	4.2	5.6	1.1	2.1	3.2	4.2	0.8	1.7	2.5	3.4	0.7	1.4	2.1	2.8	0.6	1.2	1.8	2.4	0.5	1.1	1.6	2.1	0.5	0.9	1.4	1.9	0.4	0.8	1.3	1.7	0.4	0.8	1.1	1.5	0.4	0.7	1.1	1.5	0.3	0.7	1.0	1.4	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1	0.3	0.5	0.8	1.1
	30	0.17	5.1	10.3	15.4	20.6	2.6	5.1	7.7	10.3	1.7	3.4	5.1	6.8	1.3	2.6	3.9	5.1	1.0	2.0	3.0	4.0	0.9	1.7	2.6	3.4	0.7	1.3	2.0	2.7	0.6	1.1	1.7	2.3	0.5	1.0	1.5	2.0	0.5	0.9	1.4	1.9	0.4	0.8	1.2	1.6	0.4	0.7	1.1	1.5	0.3	0.7	1.0	1.4	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1				
	40	0.20	5.9	11.9	17.8	23.8	3.0	5.9	8.9	11.9	2.0	4.0	6.0	8.0	1.4	2.8	4.2	5.6	1.0	2.0	3.0	4.0	0.9	1.7	2.6	3.4	0.7	1.3	2.0	2.7	0.6	1.1	1.7	2.3	0.5	1.0	1.5	2.0	0.5	0.9	1.4	1.9	0.4	0.8	1.2	1.6	0.4	0.7	1.1	1.5	0.3	0.7	1.0	1.4	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1				
	50	0.22	6.6	13.3	19.9	26.6	3.3	6.6	10.0	13.3	2.2	4.4	6.6	8.9	1.5	3.0	4.4	5.9	1.1	2.2	3.3	4.4	0.9	1.7	2.6	3.4	0.7	1.3	2.0	2.7	0.6	1.1	1.7	2.3	0.5	1.0	1.5	2.0	0.5	0.9	1.4	1.9	0.4	0.8	1.2	1.6	0.4	0.7	1.1	1.5	0.3	0.7	1.0	1.4	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1				
	60	0.24	7.3	14.5	21.8	29.1	3.6	7.3	10.9	14.5	2.4	4.8	7.3	9.7	1.6	3.1	4.6	6.1	1.2	2.4	3.6	4.8	1.0	2.0	3.0	4.0	0.8	1.6	2.4	3.2	0.7	1.3	2.0	2.7	0.6	1.1	1.7	2.3	0.5	1.0	1.5	2.0	0.5	0.9	1.4	1.9	0.4	0.8	1.2	1.6	0.4	0.7	1.1	1.5	0.3	0.7	1.0	1.4	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1
025	20	0.18	5.3	10.5	15.8	21.0	2.6	5.3	7.9	10.5	1.8	3.5	5.3	7.0	1.3	2.6	3.9	5.3	1.1	2.1	3.2	4.2	0.9	1.8	2.6	3.5	0.8	1.5	2.3	3.0	0.7	1.3	2.0	2.6	0.6	1.2	1.8	2.3	0.5	1.0	1.4	1.9	0.4	0.9	1.3	1.8	0.3	0.7	1.1	1.5	0.3	0.6	0.9	1.3	0.3	0.5	0.8	1.1								
	30	0.22	6.4	12.9	19.3	25.7	3.2	6.4	9.6	12.9	2.1	4.3	6.4	8.6	1.6	3.2	4.8	6.4	1.3	2.6	3.9	5.1	1.1	2.1	3.2	4.3	0.9	1.8	2.8	3.7	0.8	1.6	2.4	3.2	0.7	1.4	2.1	2.8	0.6	1.2	1.8	2.3	0.5	1.1	1.6	2.1	0.5	0.9	1.4	1.8	0.4	0.9	1.3	1.7	0.4	0.8	1.2	1.6	0.4	0.7	1.1	1.5				
	40	0.25	7.4	14.9	22.3	29.7	3.7	7.4	11.1	14.9	2.5	5.0	7.4	9.9	1.9	3.8	5.6	7.4	1.5	3.0	4.5	5.9	1.2	2.5	3.7	5.0	1.1	2.1	3.2	4.2	0.9	1.9	2.8	3.7	0.8	1.7	2.5	3.3	0.7	1.4	2.0	2.7	0.6	1.2	1.9	2.5	0.5	1.1	1.7	2.3	0.5	0.9	1.4	1.8	0.4	0.9	1.3	1.7	0.4	0.8	1.2	1.6				
	50	0.28	8.3	16.6	24.9	33.2	4.2	8.3	12.5	16.6	2.8	5.5	8.3	11.1	2.1	4.2	6.2	8.3	1.7	3.3	5.0	6.6	1.4	2.8	4.2	5.5	1.2	2.4	3.6	4.7	1.0	2.1	3.1	4.2	0.9	1.8	2.8	3.7	0.8	1.7	2.5	3.3	0.7	1.4	2.1	2.8	0.6	1.2	1.9	2.6	0.6	1.1	1.7	2.2	0.5	1.0	1.6	2.1								
	60	0.31	9.1	18.2	27.3	36.4	4.5	9.1	13.6	18.2	3.0	6.0	9.1	12.1	2.3	4.5	6.8	9.1	1.8	3.6	5.3	7.0	1.5	3.0	4.5	6.0	1.3	2.6	3.9	5.2	1.1	2.3	3.4	4.5	1.0	2.0	3.0	4.0	0.9	1.8	2.7	3.6	0.8	1.5	2.3	3.0	0.7	1.4	2.1	2.8	0.6	1.2	1.8	2.4	0.6	1.1	1.7	2.3								
03	20	0.21	6.3	12.6	18.9	25.2	3.2	6.3	9.5	12.6	2.1	4.2	6.3	8.4	1.6	3.2	4.7	6.3	1.3	2.5	3.8	5.0	1.1	2.1	3.2	4.2	0.9	1.8	2.7	3.6	0.8	1.6	2.4	3.2	0.7	1.4	2.1	2.8	0.6	1.3	1.9	2.5	0.5	1.1	1.7	2.3	0.5	0.9	1.4	1.8	0.4	0.8	1.3	1.7	0.4	0.7	1.1	1.5								
	30	0.26	7.7	15.4	23.1	30.9	3.9	7.7	11.6	15.4	2.6	5.1	7.7	10.3	1.9	3.9	5.8	7.7	1.5	3.1	4.6	6.2	1.3	2.6	3.9	5.1	1.1	2.2	3.3	4.4	1.0	1.9	2.9	3.9	0.9	1.7	2.6	3.4	0.7	1.4	2.1	2.8	0.6	1.3	1.9	2.6	0.6	1.1	1.7	2.3																
	40	0.30	8.9	17.8	26.7	35.6	4.5	8.9	13.4	17.8	3.0	5.9	8.9	11.9	2.2	4.5	6.7	8.9	1.8	3.6	5.3	7.1	1.5	3.0	4.5	5.9	1.3	2.5	3.8	5.1	1.1	2.2	3.3	4.5	1.0	2.0	3.0	4.0	0.9	1.8	2.7	3.6	0.8	1.6	2.4	3.2	0.7	1.4	2.1	2.8																
	50	0.34	10.0	19.9	29.9	39.8	5.0	10.0	14.9	19.9	3.3	6.6	10.0	13.3	2.5	5.0	7.5	10.0	2.0	4.0	6.0	8.0	1.7	3.3	5.0	6.6	1.4	2.8	4.2	5.5	1.2	2.5	3.7	5.0	1.1	2.2	3.3	4.4	1.0	2.0	3.0	4.0	0.9	1.8	2.7	3.6	0.8	1.7	2.5	3.3																
	60	0.37	10.9	21.8	32.7	43.6	5.5	10.9	16.4	21.8	3.6	7.3	10.9	14.5	2.7	5.5	8.2	10.9	2.2	4.4	6.5	8.7	1.8	3.6	5.5	7.3	1.6	3.1	4.7	6.2	1.4	2.7	4.1	5.5	1.2	2.4	3.6	4.8	1.0	2.0	3.0	4.0	0.9	1.8	2.7	3.6																				
04	20	0.28	8.4	16.8	25.2	33.6	4.2	8.4	12.6	16.8	2.8	5.6	8.4	11.2	2.1	4.2	6.3	8.4	1.7	3.4	5.0	6.7	1.4	2.8	4.2	5.6	1.2	2.4	3.6	4.8	1.1	2.1	3.2	4.2	0.9	1.9	2.8	3.7	0.8	1.7	2.5	3.4	0.7	1.4	2.1	2.8	0.6	1.2	1.8	2.4																
	30	0.35	10.3	20.6	30.9	41.2	5.1	10.3	15.4	20.6	3.4	6.8	10.3	13.7	2.6	5.1	7.7	10.3	2.1	4.1	6.2	8.2	1.7	3.4	5.1	6.8	1.4	2.8	4.1	5.4	1.1	2.3	3.4	4.6	1.0	2.1	3.1	4.1	0.9	1.9	2.8	3.7	0.8	1.6	2.4	3.2																				
	40	0.40	11.9	23.8	35.6	47.5	5.9	11.9	17.8	23.8	4.0	7.9	11.9	15.8	3.0	5.9	8.9	11.9	2.4	4.8	7.1	9.5	2.0	4.0	5.9	7.9	1.7	3.4	5.1	6.8	1.5	3.0	4.5	5.9	1.3	2.6	4.0	5.3	1.2	2.4	3.6	4.8	1.1	2.2	3.2	4.3																				
	50	0.45	13.3	26.6	39.8	53.1	6.6	13.3	19.9	26.6	4.4	8.9	13.3	17.8	3.3	6.6	10.0	13.3	2.7	5.3	8.0	10.6	2.2	4.4	6.6	8.9	1.9	3.8	5.6	7.4	1.7	3.4	5.1	6.8	1.4	2.8	4.2	5.6	1.1	2.2	3.3	4.4	1.0	2.0	3.0	4.0																				
	60	0.49	14.5	29.1	43.6	58.2	7.3	14.5	21.8	29.1	4.8	9.7	14.5	19.4	3.6	7.3	10.9	14.5	2.9	5.8	8.7	11.6	2.4	4.8	7.3	9.7	2.1	4.2	6.2	8.3	1.8	3.6	5.5	7.3	1.6	3.1	4.7	6.3	1.4	2.8	4.2	5.6																								
05	20	0.35	10.5	21.0	31.5	42.0	5.3	10.5	15.8	21.0	3.5	7.0	10.5	14.0	2.6	5.3	7.9	10.5	2.1	4.2	6.3	8.4	1.8	3.5	5.3	7.0	1.5	3.0	4.5	6.0	1.3	2.6	3.9	5.3	1.2	2.3	3.5	4.7	1.1	2.1	3.2	4.2	1.0	1.9	2.9	3.8																				
	30	0.43	12.9	25.7	38.6	51.4	6.4	12.9	19.3	25.7	4.3	8.6	12.9	17.1	3.2	6.4	9.6	12.9	2.6	5.1	7.7	10.3	2.1	4.3	6.4	8.6	1.6	3.2	4.8	6.4	1.4	2.9	4.3	5.7	1.2	2.3	3.5	4.7	1.1	2.1	3.2	4.3																								
	40	0.50	14.9	29.7	44.6	59.4	7.4	14.9	22.3	29.7	5.0	9.9	14.9	19.8	3.7	7.4	11.1	14.9	3.0	5.9	8.9	11.9	2.5	5.0	7.4	9.9	2.1	4.2	6.1	8.5	1.9	3.7	5.6	7.4	1.7	3.3	5.0	6.6	1.5	3.0	4.5	5.9																								
	50	0.56	16.6	33.2	49.8	66.4	8.3	16.6	24.9	33.2	5.5	11.1	16.6	22.3	4.2	8.3	12.5	16.6	3.3	6.6	10.0	13.3	2.8	5.5	8.3	11.1	2.4	4.7	7.1	9.5	2.1	4.2	6.2	8.3	1.8	3.6	5.5	7.3	1.6	3.1	4.7	6.3																								
	60	0.61	18.2	36.4	54.6	72.7	9.1	18.2	27.3	36.4	6.1	12.1	18.2	24.2	4.5	9.1	13.6	18.2	3.6	7.3	10.9	14.5	3.0	6.1	9.1	12.1	2.6	5.2	7.8	10.4	2.3	4.5	6.8	9.1	1.8	3.6	5.5	7.3	1.6	3.1	4.7	6.3																								
06	20	0.42	12.6	25.2	37.8	50.4	6.3	12.6	18.9	25.2	4.2	8.4	12.6	16.8	3.2	6.3	9.5	12.6	2.5	5.0	7.3	10.1	2.1	4.2	6.3	8.4	1.8	3.6	5.4	7.2	1.6	3.2																																		