

Tip Size	Droplet Size	Spray Angle	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing								GAL/1000ft ²			
					MPH								20 inch nozzle spacing			
					4	5	6	8	10	12	15	20	2	3	4	5
0.5	C	80	10	0.050	1.9	1.5	1.2	0.9	0.7	0.6	0.5	0.4	0.17	0.11	0.09	0.07
	M		20	0.071	2.6	2.1	1.8	1.3	1.1	0.9	0.7	0.5	0.24	0.16	0.12	0.10
	F		30	0.087	3.2	2.6	2.2	1.6	1.3	1.1	0.9	0.6	0.30	0.20	0.15	0.12
	F		40	0.10	3.7	3.0	2.5	1.9	1.5	1.2	1.0	0.7	0.34	0.23	0.17	0.14
	F		50	0.11	4.1	3.3	2.7	2.0	1.6	1.4	1.1	0.8	0.38	0.25	0.19	0.15
	F		60	0.12	4.5	3.6	3.0	2.2	1.8	1.5	1.2	0.9	0.41	0.27	0.20	0.16
0.75	C	95	10	0.075	2.8	2.2	1.9	1.4	1.1	0.9	0.7	0.6	0.26	0.17	0.13	0.10
	M		20	0.11	4.1	3.3	2.7	2.0	1.6	1.4	1.1	0.8	0.38	0.25	0.19	0.15
	M		30	0.13	4.8	3.9	3.2	2.4	1.9	1.6	1.3	1.0	0.44	0.30	0.22	0.18
	F		40	0.15	5.6	4.5	3.7	2.8	2.2	1.9	1.5	1.1	0.51	0.34	0.26	0.20
	F		50	0.17	6.3	5.0	4.2	3.2	2.5	2.1	1.7	1.3	0.58	0.39	0.29	0.23
	F		60	0.18	6.7	5.3	4.5	3.3	2.7	2.2	1.8	1.3	0.61	0.41	0.31	0.25
1.0	C	105	10	0.10	3.7	3.0	2.5	1.9	1.5	1.2	1.0	0.7	0.34	0.23	0.17	0.14
	M		20	0.14	5.2	4.2	3.5	2.6	2.1	1.7	1.4	1.0	0.48	0.32	0.24	0.19
	M		30	0.17	6.3	5.0	4.2	3.2	2.5	2.1	1.7	1.3	0.58	0.39	0.29	0.23
	M		40	0.20	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27
	M		50	0.22	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.75	0.50	0.38	0.30
	F		60	0.24	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.82	0.55	0.41	0.33
1.5	C	105	10	0.15	5.6	4.5	3.7	2.8	2.2	1.9	1.5	1.1	0.51	0.34	0.26	0.20
	M		20	0.21	7.8	6.2	5.2	3.9	3.1	2.6	2.1	1.6	0.72	0.48	0.36	0.29
	M		30	0.26	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.89	0.59	0.44	0.35
	M		40	0.30	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	1.02	0.68	0.51	0.41
	M		50	0.34	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	1.16	0.77	0.58	0.46
	M		60	0.37	13.7	11.0	9.2	6.9	5.5	4.6	3.7	2.7	1.26	0.84	0.63	0.50
2.0	C	105	10	0.20	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27
	C		20	0.28	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.95	0.64	0.48	0.38
	M		30	0.35	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.19	0.80	0.60	0.48
	M		40	0.40	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.36	0.91	0.68	0.55
	M		50	0.45	16.7	13.4	11.1	8.4	6.7	5.6	4.5	3.3	1.53	1.02	0.77	0.61
	M		60	0.49	18.2	14.6	12.1	9.1	7.3	6.1	4.9	3.6	1.67	1.11	0.84	0.67
2.5	C	110	10	0.25	9.3	7.4	6.2	4.6	3.7	3.1	2.5	1.9	0.85	0.57	0.43	0.34
	C		20	0.35	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.19	0.80	0.60	0.48
	M		30	0.43	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	1.47	0.98	0.73	0.59
	M		40	0.50	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.71	1.14	0.85	0.68
	M		50	0.56	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.91	1.27	0.95	0.76
	M		60	0.61	22.6	18.1	15.1	11.3	9.1	7.5	6.0	4.5	2.08	1.39	1.04	0.83
3.0	C	110	10	0.30	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	1.02	0.68	0.51	0.41
	C		20	0.42	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	1.43	0.95	0.72	0.57
	M		30	0.52	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	1.77	1.18	0.89	0.71
	M		40	0.60	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	2.05	1.36	1.02	0.82
	M		50	0.67	24.9	19.9	16.6	12.4	9.9	8.3	6.6	5.0	2.28	1.52	1.14	0.91
	M		60	0.73	27.1	21.7	18.1	13.6	10.8	9.0	7.2	5.4	2.49	1.66	1.24	1.00
4.0	C	120	10	0.40	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.36	0.91	0.68	0.55
	C		20	0.57	21.2	16.9	14.1	10.6	8.5	7.1	5.6	4.2	1.94	1.30	0.97	0.78
	M		30	0.69	25.6	20.5	17.1	12.8	10.2	8.5	6.8	5.1	2.35	1.57	1.18	0.94
	M		40	0.80	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	2.73	1.82	1.36	1.09
	M		50	0.89	33.0	26.4	22.0	16.5	13.2	11.0	8.8	6.6	3.03	2.02	1.52	1.21
	M		60	0.98	36.4	29.1	24.3	18.2	14.6	12.1	9.7	7.3	3.34	2.23	1.67	1.34
5.0	C	125	10	0.50	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.71	1.14	0.85	0.68
	C		20	0.71	26.4	21.1	17.6	13.2	10.5	8.8	7.0	5.3	2.42	1.61	1.21	0.97
	C		30	0.87	32.3	25.8	21.5	16.1	12.9	10.8	8.6	6.5	2.97	1.98	1.48	1.19
	M		40	1.00	37.1	29.7	24.8	18.6	14.9	12.4	9.9	7.4	3.41	2.27	1.71	1.36
	M		50	1.12	41.6	33.3	27.7	20.8	16.6	13.9	11.1	8.3	3.82	2.55	1.91	1.53
	M		60	1.22	45.3	36.2	30.2	22.6	18.1	15.1	12.1	9.1	4.16	2.77	2.08	1.66
7.5	C	145	10	0.75	27.8	22.3	18.6	13.9	11.1	9.3	7.4	5.6	2.56	1.71	1.28	1.02
	C		20	1.06	39.4	31.5	26.2	19.7	15.7	13.1	10.5	7.9	3.61	2.41	1.81	1.45
	C		30	1.30	48.3	38.6	32.2	24.1	19.3	16.1	12.9	9.7	4.43	2.96	2.22	1.77
	C		40	1.50	55.7	44.6	37.1	27.8	22.3	18.6	14.9	11.1	5.12	3.41	2.56	2.05
	C		50	1.68	62.4	49.9	41.6	31.2	24.9	20.8	16.6	12.5	5.73	3.82	2.86	2.29
	C		60	1.84	68.3	54.6	45.5	34.2	27.3	22.8	18.2	13.7	6.27	4.18	3.14	2.51
10	VC	160	10	1.00	37.1	29.7	24.8	18.6	14.9	12.4	9.9	7.4	3.41	2.27	1.71	1.36
	VC		20	1.41	52.3	41.9	34.9	26.2	20.9	17.4	14.0	10.5	4.81	3.21	2.40	1.92
	C		30	1.73	64.2	51.4	42.8	32.1	25.7	21.4	17.1	12.8	5.90	3.93	2.95	2.36
	C		40	2.00	74.3	59.4	49.5	37.1	29.7	24.8	19.8	14.9	6.82	4.55	3.41	2.73
	C		50	2.24	83.2	66.5	55.4	41.6	33.3	27.7	22.2	16.6	7.64	5.09	3.82	3.06
	C		60	2.45	91.0	72.8	60.6	45.5	36.4	30.3	24.3	18.2	8.35	5.57	4.18	3.34
15	XC	145	10	1.50	55.7	44.6	37.1	27.8	22.3	18.6	14.9	11.1	5.12	3.41	2.56	2.05
	VC		20	2.12	78.7	63.0	52.5	39.4	31.5	26.2	21.0	15.7	7.23	4.82	3.61	2.89
	VC		30	2.60	96.5	77.2	64.4	48.3	38.6	32.2	25.7	19.3	8.87	5.91	4.43	3.55
	C		40	3.00	111	89.1	74.3	55.7	44.6	37.1	29.7	22.3	10.2	6.82	5.12	4.09
	C		50	3.35	124	99.5	82.9	62.2	49.7	41.5	33.2	24.9	11.4	7.62	5.71	4.57
	C		60	3.67	136	109	90.8	68.1	54.5	45.4	36.3	27.2	12.5	8.34	6.26	5.01
20	XC	140	10	2.00	74.3	59.4	49.5	37.1	29.7	24.8	19.8	14.9	6.82	4.55	3.41	2.73
	VC		20	2.83	105	84.1	70.0	52.5	42.0	35.0	28.0	21.0	9.65	6.43	4.83	3.86
	VC		30	3.46	128	103	85.6	64.2	51.4	42.8	34.3	25.7	11.8	7.87	5.90	4.72
	VC		40	4.00	149	119	99.0	74.3	59.4	49.5	39.6	29.7	13.6	9.09	6.82	5.46
	C		50	4.47	166	133	111	83.0	66.4	55.3	44.3	33.2	15.2	10.2	7.62	6.10
	C		60	4.90	182	146	121	91.0	72.8	60.6	48.5	36.4	16.7	11.1	8.35	6.68