

Spray Tip Size	Non Air Induction					US Gallons Per Acre 20-inch Nozzle Spacing											
	ADI	3D	GRD	LD110	LDC	TFLD	psi	gpm	4 mph	6 mph	8 mph	10 mph	12 mph	14 mph	16 mph	18 mph	20 mph
01 Orange	NR		C				20	0.071	4.5	3	2.6	2.1	1.8	1.5	1.3	1.2	1.1
	M		C				30	0.087	6.5	4.3	3.2	2.6	2.2	1.8	1.6	1.4	1.3
	M		M				40	0.1	7.4	5	3.7	3	2.5	2.1	1.9	1.7	1.5
	F		M				50	0.11	8.2	5.4	4.1	3.3	2.7	2.3	2	1.8	1.6
	F		M				60	0.12	8.9	5.9	4.5	3.6	3	2.5	2.2	2	1.8
	F		M				70	0.132	9.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	NR		M				80	0.141	10.4	6.9	5.2	4.2	3.5	3	2.6	2.3	2.1
	NR		M				90	0.15	11.1	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	NR		M				100	0.15	11.1	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
015 Green	NR	M	M	M			20	0.11	8.2	5.4	4.1	3.3	2.7	2.3	2	1.8	1.6
	M	F	M	M			30	0.13	9.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	M	F	M	M			40	0.15	11.1	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	M	F	M	F			50	0.17	12.6	8.4	6.3	5	4.2	3.6	3.2	2.8	2.5
	M	F	M	F			60	0.18	13.4	8.9	6.7	5.3	4.5	3.8	3.3	3	2.7
	M	F	M	F			70	0.2	14.9	9.9	7.4	5.9	5	4.2	3.7	3.3	3
	NR	F	M	NR			80	0.21	15.6	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1
	NR	F	M	NR			90	0.23	17.1	11.4	8.5	6.8	5.7	4.9	4.3	3.8	3.4
	NR	NR	M	NR			100	0.24	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4	3.6
02 Yellow	NR	M	M	M			20	0.14	10.4	6.9	5.2	4.2	3.5	3	2.6	2.3	2.1
	C	M	M	M			30	0.17	12.6	8.4	6.3	5	4.2	3.6	3.2	2.8	2.5
	M	F	M	F			40	0.2	14.9	9.9	7.4	5.9	5	4.2	3.7	3.3	3
	M	F	M	F			50	0.22	16.3	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3
	M	F	M	F			60	0.24	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4	3.6
	M	F	M	F			70	0.26	19.3	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.9
	NR	F	M	NR			80	0.28	21	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	NR	F	M	NR			90	0.3	22	14.9	11.1	8.9	7.4	6.4	5.6	5	4.5
	NR	NR	M	NR			100	0.32	24	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8
025 Violet		M	M	M			20	0.18	13.4	8.9	6.5	5.2	4.3	3.7	3.2	2.9	2.6
		M	M	M			30	0.22	16.3	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3
		M	M	M			40	0.25	18.6	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
		F	M	M			50	0.28	21	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
		F	M	M			60	0.31	23	15.3	11.5	9.2	7.7	6.6	5.8	5.1	4.6
		F	M	M			70	0.33	25	16.3	12.3	9.8	8.2	7	6.1	5.5	4.9
		F	M	NR			80	0.35	26	17.3	13.1	10.5	8.8	7.5	6.6	5.8	5.3
		F	M	NR			90	0.38	28	18.8	14.1	11.3	9.4	8.1	7.1	6.3	5.6
		NR	M	NR			100	0.4	30	19.8	14.7	11.7	9.8	8.4	7.3	6.5	5.9
03 Blue	NR	C	C	C			20	0.21	15.6	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1
	C	M	M	M			30	0.26	19.3	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.9
	M	M	M	M			40	0.3	22	14.9	11.1	8.9	7.4	6.4	5.6	5	4.5
	M	M	M	M			50	0.34	25	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5
	M	M	M	M			60	0.37	27	18.3	13.7	11	9.2	7.8	6.9	6.1	5.5
	M	M	M	M			70	0.4	30	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9
	NR	F	M	NR			80	0.42	31	21	15.6	12.5	10.4	8.9	7.8	6.9	6.2
	NR	F	M	NR			90	0.45	33	22	16.7	13.4	11.1	9.5	8.4	7.4	6.7
	NR	NR	M	NR			100	0.47	35	23	17.4	14	11.6	10	8.7	7.8	7
035 Cranberry		C					20	0.25	18.6	12.4	9.3	7.4	6.2				3.7
		M					30	0.3	22.3	14.9	11.1	8.9	7.4	6.4	3.9	3.5	4.5
		M					40	0.35	26	17.3	13	10.4	8.7	7.4	5.6	5	5.2
		M					50	0.39	29	19.3	14.5	11.6	9.7				5.8
		M					60	0.43	31.9	21.3	16	12.8	10.6	9.1	6.5	5.8	6.4
		M					70	0.46	34.2	22.8	17.1	13.7	11.4				6.8
		F					80	0.49	36.4	24.3	18.2	14.6	12.1	10.4	8	7.1	7.3
		F					90	0.53	39.4	26.2	19.7	15.7	13.1				7.9
		NR					100	0.55	40.8	27.2	20.4	16.3	13.6	11.7	9.1	8.1	8.2
04 Red	NR	C	VC	C	C	UC	20	0.28	21	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	VC	M	VC	M	C	XC	30	0.35	26	17.3	13	10.4	8.7	7.4	6.5	5.8	5.2
	C	M	C	M	C	XC	40	0.4	30	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9
	C	M	C	M	C	XC	50	0.45	33	22	16.7	13.4	11.1	9.5	8.4	7.4	6.7
	C	M	C	M	C	XC	60	0.49	36	24	18.2	14.6	12.1	10.4	9.1	8.1	7.3
	M	M	M	M	C	VC	70	0.53	39	26	19.7	15.7	13.1	11.2	9.8	8.7	7.9
	NR	M	M	NR	C	VC	80	0.57	42	28	21	16.9	14.1	12.1	10.6	9.4	8.5
	NR	F	M	NR	C	VC	90	0.6	45	30	22	17.8	14.9	12.7	11.1	9.9	8.9
	NR	NR	M	NR	M	VC	100	0.63	47	31	23	18.7	15.6	13.4	11.7	10.4	9.4
05 Brown		C	XC	C	C	XC	20	0.35	26	17.3	13	10.4	8.7	7.4	6.5	5.8	5.2
		C	XC	C	C	XC	30	0.43	32	21	16	12.8	10.6	9.1	8	7.1	6.4
		M	VC	M	C	XC	40	0.5	37	25	18.6	14.9	12.4	10.6	9.3	8.3	7.4
		M	VC	M	C	VC	50	0.56	42	28	21	16.6	13.9	11.9	10.4	9.2	8.3
		M	C	M	C	VC	60	0.61	45	30	23	18.1	15.1	12.9	11.3	10.1	9.1
		M	M	F	C	VC	70	0.66	49	33	25	19.6	16.3	14	12.3	10.9	9.8
		M	M	NR	C	VC	80	0.71	53	35	26	21	17.6	15.1	13.2	11.7	10.5
		M	M	NR	C	VC	90	0.75	56	37	28	22	18.6	15.9	13.9	12.4	11.1
		NR	M	NR	C	VC	100	0.79	59	39	29	23	19.6	16.8	14.7	13	11.7
06 Grey	NR	C	XC	VC	VC		20	0.42	31	21	15.6	12.5	10.4	8.9	7.8	6.9	6.2
	NR	C	XC	C	C		30	0.52	39	26	19.3	15.4	12.9	11	9.7	8.6	7.7
		C	VC	M	C		40	0.6	45	30	22	17.8	14.9	12.7	11.1	9.9	8.9
		M	VC	M	C		50	0.67	50	33	25	19.9	16.6	14.2	12.4	11.1	9.9
		M	C	M	C		60	0.73	54	36	27	22	18.1	15.5	13.6	12	10.8
		M	M	M	C		70	0.79	59	39	29	23	19.6	16.8	14.7	13	11.7
		M	M	NR	C		80	0.85	63	42	32	25	21	18	15.8	14	12.6
		M	M	NR	C		90	0.9	67	45	33	27	22	19.1	16.7	14.9	13.4
		NR	M	NR	C		100	0.95	71	47	35	28	24	20	17.6	15.7	14.1
08 White		VC	XC	VC			20	0.57	42	28	21	16.9	14.1	12.1	10.6	9.4	8.5
		C	VC	C			30	0.69	51	34	26	20	17.1	14.6	12.8	11.4	10.2
		C	C	C			40	0.8	59	40	30	24	19.8	17	14.9	13.2	11.9
		M	M	M			50	0.89	66	44	33	26	22	18.9	16.5	14.7	13.2
		M	M	M			60	0.98	73	49	36	29	24	21	18.2	16.2	14.6
		M	M	M			70	1.05	79	52	39	31	26	22	19.5	17.3	15.6
		M	M	NR			80	1.13	84	56	42	34	28	24	21	18.6	16.8



ADI= Anti Drift Ceramic



3D= 3D Defy



GRD=Guardian



LD110= Low Drift 110deg



LDC=Low Drift Ceramic



TFLD= Twin Fan Low Drift

Questions? Call Nozzle Ninja 1-877-387-2636