









Greenleaf AirMix[®] Nozzle Tabulations

The AirMix[®] Nozzle is a compact, two piece air injection nozzle that fits in a standard cap, and can be cleaned without tools. The AirMix[®] utilizes a unique air cleaning system to prevent nozzle plugging. Please target 40 psi when selecting nozzle size, to allow for changes in speed. Higher pressures are recommended for penetrating dense canopies and for coverage critical contact chemicals.

Pressure Range: 15-90 psi - **Suggested spray height:** 16" - 36" (on 20" centers)

NOZZLE PART # (Strainer Size)	LIQUID PRESSURE PSI	DROPLET SIZE ASAE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
 AM11001 (use 50 mesh)	15	C	0.06	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.1	1.0	0.9
	20	C	0.07	5.2	4.2	3.5	2.6	2.1	1.7	1.5	1.3	1.2	1.0
	30	M	0.09	6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3
	40	M	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5
	50	F	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7
	60	F	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8
	70	F	0.13	9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.5	2.2	2.0
	80	F	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	90	F	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
 AM110015 (use 50 mesh)	15	C	0.09	6.8	5.5	4.5	3.4	2.7	2.3	1.9	1.7	1.5	1.4
	20	C	0.11	7.9	6.3	5.2	3.9	3.1	2.6	2.2	2.0	1.7	1.6
	30	M	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	40	M	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	50	F	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5
	60	F	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7
	70	F	0.20	14.7	11.8	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9
	80	F	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
	90	F	0.22	16.7	13.4	11.1	8.3	6.7	5.6	4.8	4.2	3.7	3.3
 AM11002 (use 50 mesh)	15	C	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8
	20	C	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	30	C	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	M	0.20	14.8	11.9	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0
	50	M	0.22	16.6	13.3	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3
	60	F	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	70	F	0.26	19.6	15.7	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9
	80	F	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	90	F	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
 AM110025 (use 50 mesh)	15	VC	0.15	11.4	9.1	7.6	5.7	4.5	3.8	3.2	2.8	2.5	2.3
	20	C	0.18	13.1	10.5	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6
	30	C	0.22	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2
	40	C	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	M	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1
	60	M	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5
	70	M	0.33	24.5	19.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9
	80	M	0.35	26.2	21.0	17.5	13.1	10.5	8.7	7.5	6.6	5.8	5.2
	90	F	0.37	27.8	22.3	18.5	13.9	11.1	9.3	7.9	7.0	6.2	5.6
 AM11003 (use 50 mesh)	15	XC	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7
	20	VC	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
	30	VC	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	C	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
	50	C	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0
	60	M	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	70	M	0.40	29.4	23.6	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9
	80	M	0.42	31.5	25.2	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3
	90	M	0.45	33.4	26.7	22.3	16.7	13.4	11.1	9.5	8.3	7.4	6.7
 AM11004 (use 24 mesh)	15	XC	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	20	VC	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	30	VC	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	C	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9
	50	C	0.45	33.2	26.5	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	M	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
	70	M	0.53	39.3	31.4	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9
	80	M	0.57	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4
	90	M	0.60	44.5	35.6	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9
 AM11005 (use 24 mesh)	15	XC	0.31	22.7	18.2	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.5
	20	XC	0.35	26.3	21.0	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	30	VC	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	C	0.50	37.1	29.7	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	C	0.56	41.5	33.2	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	M	0.61	45.5	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
	70	M	0.66	49.1	39.3	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8
	80	M	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5
	90	M	0.75	55.7	44.6	37.1	27.9	22.3	18.6	15.9	13.9	12.4	11.1
 AM11006 (use 24 mesh)	15	XC	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	20	XC	0.42	31.5	25.2	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3
	30	VC	0.52	38.6	30.9	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
	40	C	0.60	44.6	35.7	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
	50	C	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
	60	C	0.74	54.6	43.7	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
	70	M	0.79	59.0	47.2	39.3	29.5	23.6	19.7	16.8	14.7	13.1	11.8
	80	M	0.85	63.0	50.4	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6
	90	M	0.90	66.8	53.5	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4

* Table based on spraying water at 70°F. Flow rates may vary +/- 5%.

$$\frac{\text{20" spacing}}{\text{New nozzle spacing}} \times \text{Given GPA rate for 20" spacing} = \text{New GPA rate}$$
 *For alternate nozzle spacings, use the following formula: