


















## AirMix® Asymmetric Dual Fan AMDF Nozzles

The AirMix® Dual Fan Nozzle can be used in a variety of applications from burndown with glyphosate to insecticides, fungicides and other contact chemicals. The dual 110 fans are oriented 10° forward and 50° rearward to provide a combination of penetration and backside coverage in complex canopies. To maximize coverage, the nozzles may be alternated on the boom to provide four angles of spray orientation into the canopy, effectively spraying the target four times in one pass. Care should be taken to match the droplet size to the application. Sizes 06-12 may be used with PWM systems.

Pressure Range: 15-90 psi Suggested Spray Height: 16" - 36" (on 20" centers)

Materials of Construction: Polyacetyl, EPDM

	Liquid Pressure PSI	Droplet Size ASABE	Nozzle Capacity GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
				3 MPH	4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
	20	C	0.14	14.0	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1
	30	M	0.17	17.1	12.9	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	M	0.20	19.8	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0
	50	F	0.22	22.1	16.6	11.1	8.3	6.6	5.5	4.7	4.2	3.7	3.3
	60	F	0.24	24.2	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	70	F	0.26	26.2	19.6	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9
	80	F	0.28	28.0	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2
	20	C	0.18	17.5	13.1	8.8	6.6	5.3	4.4	3.8	3.3	2.9	2.6
	30	M	0.22	21.4	16.1	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2
	40	M	0.25	24.8	18.6	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	F	0.28	27.7	20.8	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	60	F	0.31	30.3	22.7	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.5
	70	F	0.33	32.7	24.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9
	80	F	0.35	35.0	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	20	C	0.21	21.0	15.8	10.5	7.9	6.3	5.3	4.5	3.9	3.5	3.2
	30	M	0.26	25.7	19.3	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	M	0.30	29.7	22.3	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5
	50	F	0.34	33.2	24.9	16.6	12.5	10.0	8.3	7.1	6.2	5.5	5.0
	60	F	0.37	36.4	27.3	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	70	F	0.40	39.3	29.5	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9
	80	F	0.42	42.0	31.5	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3
	20	C	0.25	24.5	18.4	12.3	9.2	7.4	6.1	5.3	4.6	4.1	3.7
	30	C M	0.30	30.0	22.5	15.0	11.3	9.0	7.5	6.4	5.6	5.0	4.5
	40	M	0.35	34.7	26.0	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
	50	M F	0.39	38.7	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8
	60	F	0.43	42.4	31.8	21.2	15.9	12.7	10.6	9.1	8.0	7.1	6.4
	70	F	0.46	45.8	34.4	22.9	17.2	13.8	11.5	9.8	8.6	7.6	6.9
	80	F	0.49	49.0	36.8	24.5	18.4	14.7	12.3	10.5	9.2	8.2	7.4
	20	C	0.28	28.0	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2
	30	C	0.35	34.3	25.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	M	0.40	39.6	29.7	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9
	50	M	0.45	44.3	33.2	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	F	0.49	48.5	36.4	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
	70	F	0.53	52.4	39.3	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9
	80	F	0.57	56.0	42.0	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4
	20	C	0.32	31.5	23.6	15.8	11.8	9.5	7.9	6.8	5.9	5.3	4.7
	30	C	0.39	38.6	28.9	19.3	14.5	11.6	9.6	8.3	7.2	6.4	5.8
	40	C M	0.45	44.6	33.4	22.3	16.7	13.4	11.1	9.5	8.4	7.4	6.7
	50	M	0.50	49.8	37.4	24.9	18.7	14.9	12.5	10.7	9.3	8.3	7.5
	60	M F	0.55	54.6	40.9	27.3	20.5	16.4	13.6	11.7	10.2	9.1	8.2
	70	M F	0.60	58.9	44.2	29.5	22.1	17.7	14.7	12.6	11.1	9.8	8.8
	80	M F	0.64	63.0	47.3	31.5	23.6	18.9	15.8	13.5	11.8	10.5	9.5
	20	C	0.35	35.0	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	30	C	0.43	42.9	32.2	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	C	0.50	49.5	37.1	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	M	0.56	55.3	41.5	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	M	0.61	60.6	45.5	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
	70	M	0.66	65.5	49.1	32.7	24.6	19.6	16.4	14.0	12.3	10.9	9.8
	80	M	0.71	70.0	52.5	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5

	Liquid Pressure PSI	Droplet Size ASABE	Nozzle Capacity GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
				3 MPH	4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
	20	VC C	0.39	38.5	28.9	19.3	14.4	11.6	9.6	8.3	7.2	6.4	5.8
	30	VC C	0.48	47.2	35.4	23.6	17.7	14.1	11.8	10.1	8.8	7.9	7.1
	40	C	0.55	54.5	40.8	27.2	20.4	16.3	13.6	11.7	10.2	9.1	8.2
	50	C M	0.61	60.9	45.7	30.4	22.8	18.3	15.2	13.0	11.4	10.1	9.1
	60	M	0.67	66.7	50.0	33.3	25.0	20.0	16.7	14.3	12.5	11.1	10.0
	70	M	0.73	72.0	54.0	36.0	27.0	21.6	18.0	15.4	13.5	12.0	10.8
	80	M	0.78	77.0	57.8	38.5	28.9	23.1	19.3	16.5	14.4	12.8	11.6
	90	M F	0.83	81.7	61.3	40.8	30.6	24.5	20.4	17.5	15.3	13.6	12.3
		20	VC	0.42	42.0	31.5	21.0	15.8	12.6	10.5	9.0	7.9	7.0
30		VC	0.52	51.4	38.6	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
40		C	0.60	59.4	44.6	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
50		C	0.67	66.4	49.8	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
60		M	0.73	72.7	54.6	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
70		M	0.79	78.6	58.9	39.3	29.5	23.6	19.6	16.8	14.7	13.1	11.8
80		M	0.85	84.0	63.0	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6
90		M	0.90	89.1	66.8	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4
		20	VC	0.49	49.0	36.8	24.5	18.4	14.7	12.3	10.5	9.2	8.2
	30	VC	0.61	60.0	45.0	30.0	22.5	18.0	15.0	12.9	11.3	10.0	9.0
	40	C	0.70	69.3	52.0	34.7	26.0	20.8	17.3	14.9	13.0	11.6	10.4
	50	C	0.78	77.5	58.1	38.7	29.1	23.2	19.4	16.6	14.5	12.9	11.6
	60	M	0.86	84.9	63.7	42.4	31.8	25.5	21.2	18.2	15.9	14.1	12.7
	70	M	0.93	91.7	68.8	45.8	34.4	27.5	22.9	19.6	17.2	15.3	13.8
	80	M	0.99	98.0	73.5	49.0	36.8	29.4	24.5	21.0	18.4	16.3	14.7
	90	M	1.05	104.0	78.0	52.0	39.0	31.2	26.0	22.3	19.5	17.3	15.6
		20	VC	0.57	56.0	42.0	28.0	21.0	16.8	14.0	12.0	10.5	9.3
30		VC	0.69	68.6	51.4	34.3	25.7	20.6	17.1	14.7	12.9	11.4	10.3
40		C	0.80	79.2	59.4	39.6	29.7	23.8	19.8	17.0	14.9	13.2	11.9
50		C	0.89	88.5	66.4	44.3	33.2	26.6	22.1	19.0	16.6	14.8	13.3
60		M	0.98	97.0	72.7	48.5	36.4	29.1	24.2	20.8	18.2	16.2	14.5
70		M	1.06	104.8	78.6	52.4	39.3	31.4	26.2	22.5	19.6	17.5	15.7
80		M	1.13	112.0	84.0	56.0	42.0	33.6	28.0	24.0	21.0	18.7	16.8
90		M	1.20	118.8	89.1	59.4	44.6	35.6	29.7	25.5	22.3	19.8	17.8
		20	VC	0.64	63.0	47.3	31.5	23.6	18.9	15.8	13.5	11.8	10.5
	30	VC	0.78	77.2	57.9	38.6	28.9	23.1	19.3	16.5	14.5	12.9	11.6
	40	C	0.90	89.1	66.8	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4
	50	C	1.01	99.6	74.7	49.8	37.4	29.9	24.9	21.3	18.7	16.6	14.9
	60	M	1.10	109.1	81.8	54.6	40.9	32.7	27.3	23.4	20.5	18.2	16.4
	70	M	1.19	117.9	88.4	58.9	44.2	35.4	29.5	25.3	22.1	19.6	17.7
	80	M	1.27	126.0	94.5	63.0	47.3	37.8	31.5	27.0	23.6	21.0	18.9
	90	M	1.35	133.7	100.2	66.8	50.1	40.1	33.4	28.6	25.1	22.3	20.0
		20	VC	0.71	70.0	52.5	35.0	26.3	21.0	17.5	15.0	13.1	11.7
30		VC	0.87	85.7	64.3	42.9	32.2	25.7	21.4	18.4	16.1	14.3	12.9
40		C	1.00	99.0	74.3	49.5	37.1	29.7	24.8	21.2	18.6	16.5	14.9
50		C	1.12	110.7	83.0	55.3	41.5	33.2	27.7	23.7	20.8	18.4	16.6
60		M	1.22	121.2	90.9	60.6	45.5	36.4	30.3	26.0	22.7	20.2	18.2
70		M	1.32	131.0	98.2	65.5	49.1	39.3	32.7	28.1	24.6	21.8	19.6
80		M	1.41	140.0	105.0	70.0	52.5	42.0	35.0	30.0	26.3	23.3	21.0
90		M	1.50	148.5	111.4	74.3	55.7	44.6	37.1	31.8	27.8	24.8	22.3
		20	XC VC	0.78	77.0	57.8	38.5	28.9	23.1	19.3	16.5	14.4	12.8
	30	VC	0.95	94.3	70.7	47.2	35.4	28.3	23.6	20.2	17.7	15.7	14.1
	40	C	1.10	108.9	81.7	54.5	40.8	32.7	27.2	23.3	20.4	18.2	16.3
	50	C	1.23	121.8	91.3	60.9	45.7	36.5	30.4	26.1	22.8	20.3	18.3
	60	M	1.35	133.4	100.0	66.7	50.0	40.0	33.3	28.6	25.0	22.2	20.0
	70	M	1.46	144.1	108.0	72.0	54.0	43.2	36.0	30.9	27.0	24.0	21.6
	80	M	1.56	154.0	115.5	77.0	57.8	46.2	38.5	33.0	28.9	25.7	23.1
	90	M	1.65	163.4	122.5	81.7	61.3	49.0	40.8	35.0	30.6	27.2	24.5
		20	XC	0.85	84.0	63.0	42.0	31.5	25.2	21.0	18.0	15.8	14.0
30		VC	1.04	102.9	77.2	51.4	38.6	30.9	25.7	22.0	19.3	17.1	15.4
40		C	1.20	118.8	89.1	59.4	44.6	35.6	29.7	25.5	22.3	19.8	17.8
50		C	1.34	132.8	99.6	66.4	49.8	39.8	33.2	28.5	24.9	22.1	19.9
60		M	1.47	145.5	109.1	72.7	54.6	43.6	36.4	31.2	27.3	24.2	21.8
70		M	1.59	157.2	117.9	78.6	58.9	47.1	39.3	33.7	29.5	26.2	23.6
80		M	1.70	168.0	126.0	84.0	63.0	50.4	42.0	36.0	31.5	28.0	25.2
90		M	1.80	178.2	133.7	89.1	66.8	53.5	44.6	38.2	33.4	29.7	26.7