

AirMix DualFan Nozzles - 15" Spacing Tabulation Chart (Page 1)

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.

Pressure Range: 15-90 psi Recommended Boom Height: 15-25"

Materials of Construction: Polyacetal, EPDM



AMDF02
AMDF025
AMDF03
AMDF035
AMDF04
AMDF045
AMDF05
AMDF055
AMDF06
AMDF07
AMDF08
AMDF09
AMDF10
AMDF11
AMDF12

		GALLONS PER ACRE BASED ON 15" NOZZLE SPACING																				
		Drift				4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		Droplet	%	PSI	GPM	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
	AMDF02	XC	0.4	15	0.12	12.1	9.7	8.1	6.9	6.1	5.4	4.8	4.4	4.0	3.7	3.5	3.2	3.0	2.9	2.7	2.6	2.4
		VC	0.9	20	0.14	14.0	11.2	9.3	8.0	7.0	6.2	5.6	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8
		C	1.9	30	0.17	17.1	13.7	11.4	9.8	8.6	7.6	6.9	6.2	5.7	5.3	4.9	4.6	4.3	4.0	3.8	3.6	3.4
		M	3.5	40	0.20	19.8	15.8	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7	4.4	4.2	4.0
		M	5.2	50	0.22	22.1	17.7	14.8	12.6	11.1	9.8	8.9	8.0	7.4	6.8	6.3	5.9	5.5	5.2	4.9	4.7	4.4
		M	6.7	60	0.24	24.2	19.4	16.2	13.9	12.1	10.8	9.7	8.8	8.1	7.5	6.9	6.5	6.1	5.7	5.4	5.1	4.8
		M	7.8	70	0.26	26.2	21.0	17.5	15.0	13.1	11.6	10.5	9.5	8.7	8.1	7.5	7.0	6.5	6.2	5.8	5.5	5.2
		M	9.2	80	0.28	28.0	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6
	AMDF025	M	10.8	90	0.30	29.7	23.8	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9
		XC	0.6	15	0.15	15.2	12.1	10.1	8.7	7.6	6.7	6.1	5.5	5.1	4.7	4.3	4.0	3.8	3.6	3.4	3.2	3.0
		VC	1.1	20	0.18	17.5	14.0	11.7	10.0	8.8	7.8	7.0	6.4	5.8	5.4	5.0	4.7	4.4	4.1	3.9	3.7	3.5
		VC	2.2	30	0.22	21.4	17.1	14.3	12.2	10.7	9.5	8.6	7.8	7.1	6.6	6.1	5.7	5.4	5.0	4.8	4.5	4.3
		C	3.7	40	0.25	24.8	19.8	16.5	14.1	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0
		M	5.4	50	0.28	27.7	22.1	18.4	15.8	13.8	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5	6.1	5.8	5.5
		M	6.8	60	0.31	30.3	24.2	20.2	17.3	15.2	13.5	12.1	11.0	10.1	9.3	8.7	8.1	7.6	7.1	6.7	6.4	6.1
		M	8.2	70	0.33	32.7	26.2	21.8	18.7	16.4	14.6	13.1	11.9	10.9	10.1	9.4	8.7	8.2	7.7	7.3	6.9	6.5
	AMDF03	M	9.5	80	0.35	35.0	28.0	23.3	20.0	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0
		M	11.1	90	0.38	37.1	29.7	24.8	21.2	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4
		XC	0.7	15	0.18	18.2	14.5	12.1	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8	4.5	4.3	4.0	3.8	3.6
		VC	1.2	20	0.21	21.0	16.8	14.0	12.0	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.3	4.9	4.7	4.4	4.2
		VC	2.4	30	0.26	25.7	20.6	17.1	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4	6.1	5.7	5.4	5.1
		C	3.9	40	0.30	29.7	23.8	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9
		M	5.5	50	0.34	33.2	26.6	22.1	19.0	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3	7.8	7.4	7.0	6.6
		M	7.0	60	0.37	36.4	29.1	24.2	20.8	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3
	AMDF035	M	8.4	70	0.40	39.3	31.4	26.2	22.5	19.6	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.2	8.7	8.3	7.9
		M	9.8	80	0.42	42.0	33.6	28.0	24.0	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.8	8.4
		M	11.2	90	0.45	44.6	35.6	29.7	25.5	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9
		XC	0.6	15	0.21	21.2	17.0	14.1	12.1	10.6	9.4	8.5	7.7	7.1	6.5	6.1	5.7	5.3	5.0	4.7	4.5	4.2
		VC	1.1	20	0.25	24.5	19.6	16.3	14.0	12.3	10.9	9.8	8.9	8.2	7.5	7.0	6.5	6.1	5.8	5.4	5.2	4.9
		VC	2.2	30	0.30	30.0	24.0	20.0	17.1	15.0	13.3	12.0	10.9	10.0	9.2	8.6	8.0	7.5	7.1	6.7	6.3	6.0
		C	3.7	40	0.35	34.7	27.7	23.1	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2	7.7	7.3	6.9
		M	5.3	50	0.39	38.7	31.0	25.8	22.1	19.4	17.2	15.5	14.1	12.9	11.9	11.1	10.3	9.7	9.1	8.6	8.2	7.7
	AMDF04	M	6.8	60	0.43	42.4	33.9	28.3	24.2	21.2	18.9	17.0	15.4	14.1	13.1	12.1	11.3	10.6	10.0	9.4	8.9	8.5
		M	8.3	70	0.46	45.8	36.7	30.6	26.2	22.9	20.4	18.3	16.7	15.3	14.1	13.1	12.2	11.5	10.8	10.2	9.7	9.2
		M	9.7	80	0.49	49.0	39.2	32.7	28.0	24.5	21.8	19.6	17.8	16.3	15.1	14.0	13.1	12.3	11.5	10.9	10.3	9.8
		M	11.1	90	0.53	52.0	41.6	34.7	29.7	26.0	23.1	20.8	18.9	17.3	16.0	14.9	13.9	13.0	12.2	11.6	10.9	10.4
		XC	0.5	15	0.24	24.2	19.4	16.2	13.9	12.1	10.8	9.7	8.8	8.1	7.5	6.9	6.5	6.1	5.7	5.4	5.1	4.8
		VC	1.0	20	0.28	28.0	22.4	18.7	16.0	14.0	12.4	11.2	10.2	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6
		VC	2.1	30	0.35	34.3	27.4	22.9	19.6	17.1	15.2	13.7	12.5	11.4	10.6	9.8	9.1	8.6	8.1	7.6	7.2	6.9
		C	3.5	40	0.40	39.6	31.7	26.4	22.6	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3	8.8	8.3	7.9
	AMDF045	M	5.1	50	0.45	44.3	35.4	29.5	25.3	22.1	19.7	17.7	16.1	14.8	13.6	12.6	11.8	11.1	10.4	9.8	9.3	8.9
		M	6.7	60	0.49	48.5	38.8	32.3	27.7	24.2	21.6	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4	10.8	10.2	9.7
		M	8.2	70	0.53	52.4	41.9	34.9	29.9	26.2	23.3	21.0	19.0	17.5	16.1	15.0	14.0	13.1	12.3	11.6	11.0	10.5
		M	9.6	80	0.57	56.0	44.8	37.3	32.0	28.0	24.9	22.4	20.4	18.7	17.2	16.0	14.9	14.0	13.2	12.4	11.8	11.2
		M	11.0	90	0.60	59.4	47.5	39.6	33.9	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	12.5	11.9
		XC	0.4	15	0.28	27.3	21.8	18.2	15.6	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1	5.7	5.5
		VC	0.9	20	0.32	31.5	25.2	21.0	18.0	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9	7.4	7.0	6.6	6.3
		VC	1.8	30	0.39	38.6	30.9	25.7	22.0	19.3	17.1	15.4	14.0	12.9	11.9	11.0	10.3	9.6	9.1	8.6	8.1	7.7
	AMDF05	C	3.0	40	0.45	44.6	35.6	29.7	25.5	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9
		C	4.3	50	0.50	49.8	39.8	33.2	28.5	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.5	11.7	11.1	10.5	10.0
		C	5.6	60	0.55	54.6	43.6	36.4	31.2	27.3	24.2	21.8	19.8	18.2	16.8	15.6	14.5	13.6	12.8	12.1	11.5	10.9
		M	7.0	70	0.60	58.9	47.1	39.3	33.7	29.5	26.2	23.6	21.4	19.6	18.1	16.8	15.7	14.7	13.9	13.1	12.4	11.8
		M	8.2	80	0.64	63.0	50.4	42.0	36.0	31.5	28.0	25.2	22.9	21.0	19.4	18.0	16.8	15.8	14.8	14.0	13.3	12.6
		M	9.5	90	0.68	66.8	53.5	44.6	38.2	33.4	29.7	26.7	24.3	22.3	20.6	19.1	17.8	16.7	15.7	14.9	14.1	13.4
		XC	0.4	15	0.31	30.3	24.2	20.2	17.3	15.2	13.5	12.1	11.0	10.1	9.3	8.7	8.1	7.6	7.1	6.7	6.4	6.1
		VC	0.8	20	0.35	35.0	28.0	23.3	20.0	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0
	AMDF05	VC	1.5	30	0.43	42.9	34.3	28.6	24.5	21.4	19.1	17.1	15.6	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6
		C	2.6	40	0.50	49.5	39.6	33.0	28.3	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9
		C	3.6	50	0.56	55.3	44.3	36.9	31.6	27.7	24.6	22.1	20.1	18.4	17.0	15.8	14.8	13.8	13.0	12.3		

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.

Materials of Construction: Polyacetal, EPDM

Droplet data based off of ASABE S572.3 testing and Drift % is percent of <141um driftable fines.