












SprayMax Asymmetric Dual Fan Nozzles - DF

The DF Dual Fan Nozzle employs conventional flat fan tips in an asymmetric dual cap. The dual tips 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.

DF nozzles can be used with Aim Command/Capstan Synchro to maximize coverage.

	Liquid Pressure PSI	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
DF02 11001 + 11001 	20	0.14	14.0	10.5	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	30	0.17	17.1	12.9	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	0.20	19.8	14.8	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0
	50	0.22	22.1	16.6	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3
	60	0.24	24.2	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
DF025 11001 + 110015 	20	0.18	17.5	13.1	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6
	30	0.22	21.4	16.1	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2
	40	0.25	24.7	18.5	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	0.28	27.7	20.7	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1
	60	0.31	30.3	22.7	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5
DF03 11001 + 8002 	20	0.21	21.0	15.7	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
	30	0.26	25.7	19.3	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	0.30	29.7	22.3	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
	50	0.34	33.2	24.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0
	60	0.37	36.3	27.3	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
DF035 110015 + 8002 	20	0.25	24.5	18.4	12.2	9.2	7.3	6.1	5.2	4.6	4.1	3.7
	30	0.30	30.0	22.5	15.0	11.2	9.0	7.5	6.4	5.6	5.0	4.5
	40	0.35	34.6	26.0	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
	50	0.39	38.7	29.0	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8
	60	0.43	42.4	31.8	21.2	15.9	12.7	10.6	9.1	8.0	7.1	6.4
DF04 11001 + 8003 	20	0.28	28.0	21.0	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	30	0.35	34.3	25.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	0.40	39.6	29.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9
	50	0.45	44.2	33.2	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	0.49	48.5	36.3	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
DF045 110015 + 8003 	20	0.32	31.5	23.6	15.8	11.8	9.5	7.9	6.8	5.9	5.3	4.7
	30	0.39	38.6	29.0	19.3	14.5	11.6	9.7	8.3	7.2	6.4	5.8
	40	0.45	44.6	33.4	22.3	16.7	13.4	11.1	9.6	8.4	7.4	6.7
	50	0.50	49.8	37.4	24.9	18.7	15.0	12.5	10.7	9.3	8.3	7.5
	60	0.55	54.6	40.9	27.3	20.5	16.4	13.6	11.7	10.2	9.1	8.2
DF05 11002 + 8003 	20	0.35	35.0	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	30	0.43	42.9	32.2	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	0.50	49.5	37.1	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	0.56	55.4	41.5	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	0.61	60.7	45.5	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
DF055 110025 + 8003 	20	0.39	38.5	28.9	19.3	14.4	11.6	9.6	8.3	7.2	6.4	5.8
	30	0.48	47.2	35.4	23.6	17.7	14.2	11.8	10.1	8.8	7.9	7.1
	40	0.55	54.5	40.9	27.2	20.4	16.3	13.6	11.7	10.2	9.1	8.2
	50	0.62	60.9	45.7	30.5	22.8	18.3	15.2	13.1	11.4	10.2	9.1
	60	0.67	66.7	50.0	33.4	25.0	20.0	16.7	14.3	12.5	11.1	10.0
DF06 11002 + 8004 	20	0.42	42.0	31.5	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3
	30	0.52	51.5	38.6	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
	40	0.60	59.4	44.6	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
	50	0.67	66.4	49.8	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
	60	0.74	72.8	54.6	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9

SprayMax Asymmetric Dual Fan Nozzles - DF (Page 2)

	Liquid Pressure PSI	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
DF065 110025 + 8004 	20	0.46	45.5	34.1	22.8	17.1	13.7	11.4	9.8	8.5	7.6	6.8
	30	0.56	55.7	41.8	27.9	20.9	16.7	13.9	11.9	10.5	9.3	8.4
	40	0.65	64.4	48.3	32.2	24.1	19.3	16.1	13.8	12.1	10.7	9.7
	50	0.73	72.0	54.0	36.0	27.0	21.6	18.0	15.4	13.5	12.0	10.8
	60	0.80	78.8	59.1	39.4	29.6	23.6	19.7	16.9	14.8	13.1	11.8
DF07 11003 + 8004 	20	0.50	49.0	36.8	24.5	18.4	14.7	12.3	10.5	9.2	8.2	7.4
	30	0.61	60.0	45.0	30.0	22.5	18.0	15.0	12.9	11.3	10.0	9.0
	40	0.70	69.3	52.0	34.7	26.0	20.8	17.3	14.9	13.0	11.6	10.4
	50	0.78	77.5	58.1	38.7	29.1	23.2	19.4	16.6	14.5	12.9	11.6
	60	0.86	84.9	63.7	42.4	31.8	25.5	21.2	18.2	15.9	14.1	12.7
DF075 110025 + 8005 	20	0.53	52.5	39.4	26.3	19.7	15.8	13.1	11.3	9.8	8.8	7.9
	30	0.65	64.3	48.2	32.2	24.1	19.3	16.1	13.8	12.1	10.7	9.6
	40	0.75	74.3	55.7	37.1	27.8	22.3	18.6	15.9	13.9	12.4	11.1
	50	0.84	83.0	62.3	41.5	31.1	24.9	20.8	17.8	15.6	13.8	12.5
	60	0.92	90.9	68.2	45.5	34.1	27.3	22.7	19.5	17.1	15.2	13.6
DF08 11003 + 8005 	20	0.56	55.8	41.8	27.9	20.9	16.7	13.9	12.0	10.5	9.3	8.4
	30	0.69	68.3	51.2	34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.2
	40	0.80	78.9	59.2	39.4	29.6	23.7	19.7	16.9	14.8	13.1	11.8
	50	0.89	88.2	66.2	44.1	33.1	26.5	22.1	18.9	16.5	14.7	13.2
	60	0.98	96.6	72.5	48.3	36.2	29.0	24.2	20.7	18.1	16.1	14.5
DF09 11004 + 8005 	20	0.64	63.0	47.3	31.5	23.6	18.9	15.8	13.5	11.8	10.5	9.5
	30	0.78	77.2	57.9	38.6	28.9	23.1	19.3	16.5	14.5	12.9	11.6
	40	0.90	89.1	66.8	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4
	50	1.01	99.6	74.7	49.8	37.4	29.9	24.9	21.3	18.7	16.6	14.9
	60	1.10	109.1	81.8	54.6	40.9	32.7	27.3	23.4	20.5	18.2	16.4
DF10 11004 + 8006 	20	0.71	70.0	52.5	35.0	26.2	21.0	17.5	15.0	13.1	11.7	10.5
	30	0.87	85.7	64.3	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9
	40	1.00	98.9	74.2	49.5	37.1	29.7	24.7	21.2	18.5	16.5	14.8
	50	1.12	110.6	83.0	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6
	60	1.22	121.2	90.9	60.6	45.4	36.3	30.3	26.0	22.7	20.2	18.2
DF12 11006 + 11006 	20	0.85	84.1	63.1	42.1	31.5	25.2	21.0	18.0	15.8	14.0	12.6
	30	1.04	103.0	77.3	51.5	38.6	30.9	25.8	22.1	19.3	17.2	15.5
	40	1.20	119.0	89.2	59.5	44.6	35.7	29.7	25.5	22.3	19.8	17.8
	50	1.34	133.0	99.8	66.5	49.9	39.9	33.3	28.5	24.9	22.2	20.0
	60	1.47	145.7	109.3	72.9	54.6	43.7	36.4	31.2	27.3	24.3	21.9
DF14 11006 + 11008 	20	0.99	98.0	73.5	49.0	36.8	29.4	24.5	21.0	18.4	16.3	14.7
	30	1.21	120.1	90.0	60.0	45.0	36.0	30.0	25.7	22.5	20.0	18.0
	40	1.40	138.6	104.0	69.3	52.0	41.6	34.7	29.7	26.0	23.1	20.8
	50	1.57	155.0	116.2	77.5	58.1	46.5	38.7	33.2	29.1	25.8	23.2
	60	1.71	169.8	127.3	84.9	63.7	50.9	42.4	36.4	31.8	28.3	25.5
DF16 11008 + 11008 	20	1.13	112.0	84.0	56.0	42.0	33.6	28.0	24.0	21.0	18.7	16.8
	30	1.39	137.2	102.9	68.6	51.4	41.2	34.3	29.4	25.7	22.9	20.6
	40	1.60	158.4	118.8	79.2	59.4	47.5	39.6	33.9	29.7	26.4	23.8
	50	1.79	177.1	132.8	88.6	66.4	53.1	44.3	38.0	33.2	29.5	26.6
	60	1.96	194.0	145.5	97.0	72.8	58.2	48.5	41.6	36.4	32.3	29.1
DF18 11010 + 11008 	20	1.27	126.0	94.5	63.0	47.3	37.8	31.5	27.0	23.6	21.0	18.9
	30	1.56	154.3	115.7	77.2	57.9	46.3	38.6	33.1	28.9	25.7	23.1
	40	1.80	178.2	133.7	89.1	66.8	53.5	44.6	38.2	33.4	29.7	26.7
	50	2.01	199.2	149.4	99.6	74.7	59.8	49.8	42.7	37.4	33.2	29.9
	60	2.20	218.2	163.7	109.1	81.8	65.5	54.6	46.8	40.9	36.4	32.7
DF20 11010 + 11010 	20	1.41	139.9	104.9	70.0	52.5	42.0	35.0	30.0	26.2	23.3	21.0
	30	1.73	171.3	128.5	85.7	64.3	51.4	42.8	36.7	32.1	28.6	25.7
	40	2.00	197.9	148.4	98.9	74.2	59.4	49.5	42.4	37.1	33.0	29.7
	50	2.23	221.2	165.9	110.6	83.0	66.4	55.3	47.4	41.5	36.9	33.2
	60	2.45	242.3	181.7	121.2	90.9	72.7	60.6	51.9	45.4	40.4	36.3