

EVEN SPRAY NOZZLE PERFORMANCE CHART



US Units

Nozzle Size	Droplet Size	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 10 inch band MPH				Gallons per Acre 12 inch band MPH				Gallons per Acre 15 inch band MPH			
				4	5	6	7	4	5	6	7	4	5	6	7
01	F	30	0.09	13.4	10.7	8.9	7.6	11.1	8.9	7.4	6.4	8.9	7.1	5.9	5.1
	F	40	0.10	14.9	11.9	9.9	8.5	12.4	9.9	8.3	7.1	9.9	7.9	6.6	5.7
	VF	50	0.11	16.3	13.1	10.9	9.3	13.6	10.9	9.1	7.8	10.9	8.7	7.3	6.2
	VF	60	0.12	17.8	14.3	11.9	10.2	14.9	11.9	9.9	8.5	11.9	9.5	7.9	6.8
015	F	30	0.13	19.3	15.4	12.9	11.0	16.1	12.9	10.7	9.2	12.9	10.3	8.6	7.4
	F	40	0.15	22.3	17.8	14.9	12.7	18.6	14.9	12.4	10.6	14.9	11.9	9.9	8.5
	F	50	0.17	25.2	20.2	16.8	14.4	21.0	16.8	14.0	12.0	16.8	13.5	11.2	9.6
	VF	60	0.18	26.7	21.4	17.8	15.3	22.3	17.8	14.9	12.7	17.8	14.3	11.9	10.2
02	M	30	0.17	25.2	20.2	16.8	14.4	21.0	16.8	14.0	12.0	16.8	13.5	11.2	9.6
	F	40	0.20	29.7	23.8	19.8	17.0	24.8	19.8	16.5	14.1	19.8	15.8	13.2	11.3
	F	50	0.22	32.7	26.1	21.8	18.7	27.2	21.8	18.2	15.6	21.8	17.4	14.5	12.4
	F	60	0.24	35.6	28.5	23.8	20.4	29.7	23.8	19.8	17.0	23.8	19.0	15.8	13.6
03	M	30	0.26	38.6	30.9	25.7	22.1	32.2	25.7	21.5	18.4	25.7	20.6	17.2	14.7
	F	40	0.30	44.6	35.6	29.7	25.5	37.1	29.7	24.8	21.2	29.7	23.8	19.8	17.0
	F	50	0.34	50.5	40.4	33.7	28.9	42.1	33.7	28.1	24.0	33.7	26.9	22.4	19.2
	F	60	0.37	54.9	44.0	36.6	31.4	45.8	36.6	30.5	26.2	36.6	29.3	24.4	20.9
04	M	30	0.35	52.0	41.6	34.7	29.7	43.3	34.7	28.9	24.8	34.7	27.7	23.1	19.8
	M	40	0.40	59.4	47.5	39.6	33.9	49.5	39.6	33.0	28.3	39.6	31.7	26.4	22.6
	F	50	0.45	66.8	53.5	44.6	38.2	55.7	44.6	37.1	31.8	44.6	35.6	29.7	25.5
	F	60	0.49	72.8	58.2	48.5	41.6	60.6	48.5	40.4	34.7	48.5	38.8	32.3	27.7
05	M	30	0.43	63.9	51.1	42.6	36.5	53.2	42.6	35.5	30.4	42.6	34.1	28.4	24.3
	M	40	0.50	74.3	59.4	49.5	42.4	61.9	49.5	41.3	35.4	49.5	39.6	33.0	28.3
	M	50	0.56	83.2	66.5	55.4	47.5	69.3	55.4	46.2	39.6	55.4	44.4	37.0	31.7
	F	60	0.61	90.6	72.5	60.4	51.8	75.5	60.4	50.3	43.1	60.4	48.3	40.3	34.5
06	C	30	0.52	77.2	61.8	51.5	44.1	64.4	51.5	42.9	36.8	51.5	41.2	34.3	29.4
	C	40	0.60	89.1	71.3	59.4	50.9	74.3	59.4	49.5	42.4	59.4	47.5	39.6	33.9
	C	50	0.67	99.5	79.6	66.3	56.9	82.9	66.3	55.3	47.4	66.3	53.1	44.2	37.9
	C	60	0.73	108	86.7	72.3	61.9	90.3	72.3	60.2	51.6	72.3	57.8	48.2	41.3
08	VC	30	0.69	102	82.0	68.3	58.6	85.4	68.3	56.9	48.8	68.3	54.6	45.5	39.0
	C	40	0.80	119	95.0	79.2	67.9	99.0	79.2	66.0	56.6	79.2	63.4	52.8	45.3
	C	50	0.89	132	106	88.1	75.5	110	88.1	73.4	62.9	88.1	70.5	58.7	50.3
	C	60	0.98	146	116	97.0	83.2	121	97.0	80.9	69.3	97.0	77.6	64.7	55.4

Droplet size based on ASABE S572.1 standard.

Metric Units

Nozzle Size	Droplet Size	Pressure (BAR)	Flow Rate (LPM)	In-Band Application Rate (L/Ha) 25 cm (km/h)				In-Band Application Rate (L/Ha) 30 cm (km/h)				In-Band Application Rate (L/Ha) 40 cm (km/h)			
				6	8	10	12	6	8	10	12	6	8	10	12
01	F	2	0.33	132	99	79	66	110	83	66	55	83	62	50	41
	F	2.5	0.37	148	111	89	74	123	93	74	62	93	69	56	46
	F	3	0.40	160	120	96	80	133	100	80	67	100	75	60	50
	VF	4	0.46	184	138	110	92	153	115	92	77	115	86	69	58
015	F	2	0.49	196	147	118	98	163	123	98	82	123	92	74	61
	F	2.5	0.55	220	165	132	110	183	138	110	92	138	103	83	69
	F	3	0.60	240	180	144	120	200	150	120	100	150	113	90	75
	VF	4	0.69	276	207	166	138	230	173	138	115	173	129	104	86
02	M	2	0.65	260	195	156	130	217	163	130	108	163	122	98	81
	F	2.5	0.73	292	219	175	146	243	183	146	122	183	137	110	91
	F	3	0.80	320	240	192	160	267	200	160	133	200	150	120	100
	F	4	0.92	368	276	221	184	307	230	184	153	230	173	138	115
03	M	2	0.98	392	294	235	196	327	245	196	163	245	184	147	123
	M	2.5	1.10	440	330	264	220	367	275	220	183	275	206	165	138
	F	3	1.20	480	360	288	240	400	300	240	200	300	225	180	150
	F	4	1.39	556	417	334	278	463	348	278	232	348	261	209	174
04	M	2	1.31	524	393	314	262	437	328	262	218	328	246	197	164
	M	2.5	1.46	584	438	350	292	487	365	292	243	365	274	219	183
	M	3	1.60	640	480	384	320	533	400	320	267	400	300	240	200
	F	4	1.85	740	555	444	370	617	463	370	308	463	347	278	231
05	M	2	1.63	652	489	391	326	543	408	326	272	408	306	245	204
	M	2.5	1.83	732	549	439	366	610	458	366	305	458	343	275	229
	M	3	2.00	800	600	480	400	667	500	400	333	500	375	300	250
	F	4	2.31	924	693	554	462	770	578	462	385	578	433	347	289
06	C	2	1.96	784	588	470	392	653	490	392	327	490	368	294	245
	C	2.5	2.19	876	657	526	438	730	548	438	365	548	411	329	274
	C	3	2.40	960	720	576	480	800	600	480	400	600	450	360	300
	C	4	2.77	1108	831	665	554	923	693	554	462	693	519	416	346
08	VC	2	2.61	1044	783	626	522	870	653	522	435	653	489	392	326
	C	2.5	2.92	1168	876	701	584	973	730	584	487	730	548	438	365
	C	3	3.20	1280	960	768	640	1067	800	640	533	800	600	480	400
	C	4	3.70	1480	1110	888	740	1233	925	740	617	925	694	555	463

Droplet size based on ASABE S572.1 standard.