Full Pattern Spray Nozzles

All Full Pattern Spray Nozzles were tested at a height of 36 inches. (Recommended operating height is between 18 & 48 inches.) Fresh water used for all testing.

Fresh water	r used	d for al	I testing.							`	_			Ū	
1250FS						SF	PEED (N	IPH)							
FULL PATTERN			SPRAY	1	2	3	4	5	6	7					
860	PSI	GPM	PATTERN	11.77			The second second	R ACRE							
1 3	20	1.5	16 ft.	46	23	16	12	8	7.5	6.5					
A / A // NANIDT	30	1.7	16 ft.	53	26	18	13	11	9	8					
1/4" MNPT	40	2.0	16 ft.	62	31	21	16	12	10	9					
1400FS								SPEED (MPH)							
FULL PATTERN		SPRAY 2 3 4 5 6 7 8									9	10	11	12	
820	PSI	GPM	PATTERN					GALLO	NS PE	RACRE					
S S	20	1.7	17 ft.	25	17	12	10	8	7	6	5.5	5	4.5	4	
1/4// NANIDT	30	2.0	17 ft.	29	19	15	12	10	8	7	6.5	6 7	5	4.5	
1/4" MNPT	40	2.5	17 ft.	36	24	18	15	12	10	9	8	/	6.5	6	
1400FM								SPE	ED (M	PH)					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
W/0	PSI	GPM	PATTERN					GALLO	NS PE	RACRE					
SOUTH STATE OF THE	20	1.7	22 ft.	19	13	10	8	6	5.5	5	4.5	4	3.5	3	
and a	30	2.0	22 ft.	23	15	11	9	8	6	5.5	5	4.5	4	3.5	
1/4" MNPT	40	2.5	22 ft.	28	19	14	11	9	8	7	6	5.5	5	4.5	
1870FSS								SPE	ED (M	PH)					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
570	PSI	GPM	PATTERN					GALLO	NS PE	RACRE					
1 3	20	3.0	10 ft.	74.5	49.5	37	29.5	25	21	18.5	16.5	15	13.5	12.5	
	30	3.5	10 ft.	86.5	57.5	43	34.5	28.5	25	21.5	19	17	16	14.5	
1/4" MNPT	40	4.3	10 ft.	106.5	71	53	42.5	35.5	30.5	26.5	23.5	21	19	17.5	
1870FS								SPE	ED (M	PH)					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
800	PSI	GPM	PATTERN					GALLO	NS PE	ACRE					
16 3 m	20	3.0	18 ft.	41	28	21	17	14	12	10	9	8	7.5	7	
No.	30	3.5	18 ft.	48	32	24	19	16	14	12	11	10	9	8	
1/4" MNPT	40	4.3	18 ft.	59	39	30	24	20	17	15	13	12	11	10	
1870FM	SPEED (MPH)														
FULL PATTERN	SPRAY 2 3 4 5 6 7 8 9 10 11 12													12	
50	PSI	GPM	PATTERN					GALLO	NS PE	ACRE					
3	20	3.0	23 ft.	32	22	16	13	10	9	8	7	6.5	6	5	
	30	3.5	23 ft.	38	25	19	15	13	11	9	8	7.5	7	6	
1/4" MNPT	40	4.3	23 ft.	46	31	23	19	15	13	12	10	9	8	7.5	
1870FL			SPEED (MPH)												
FULL PATTERN			CDDAV	2	3	4	5	6	7	8	9	10	11	12	
	PSI	GPM	SPRAY PATTERN	100					NS PE	RACRE		19000	117.76		
3	20	3.0	30 ft.	25	17	12	10	8	7	6	5.5	5	4.5	4	
	30	3.5	30 ft.	29	19	14	12	10	8	7	6	5.5	5	4.5	
1/4" MNPT	40	4.3	30 ft.	36	25	18	14	12	10	9	8	7	6.5	6	
2200EM		-						SPE	EED (M	PH)					
2280FM FULL PATTERN				2	3	4	5	6	7	8	9	10	11	12	
10ELTATIENIN	PSI	GPM	SPRAY PATTERN	_	-					RACRE		10		12	
30	20	4.8	23 ft.	52	34	26	21	17	15	13	11	10	9	8.5	
MX NA	30	6.0	23 ft.	64	43	32	26	21	18	16	14	13	12	11	
1/2" MNPT	40	6.9	23 ft.	74	50	37	30	25	21	19	16.5	15	13.5	12	
000051		-		' 				epr	ED /M	DH)					
2280FL									ED (M	1000					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
30	PSI 20	GPM 4.8	PATTERN 30 ft.	40	26	20	16	GALLO 13	11	10	9	8	7	6.5	
SCHOOL STATE	30	6.0	30 ft.	49.5	33	25	20	16.5	14	12	11	10	9	8	
1/2" MNPT	40	6.9	30 ft.	57	38	28	22	19	16	14	12.5	11	10	9.5	
2650FSS								SPE	ED (M	PH)					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
5/00	PSI	GPM	PATTERN				Carlo Sant		47000	ACRE					
BOOMSTON	20	6.7	10 ft.	166	110.5	83	66.5	55	47.5	41.5	37	33	30	27.5	
1/2" MNPT	30 40	7.5 8.5	10 ft. 10 ft.	185 210	124 140	93 105	74 84	62 70	53 60	46.5 52.5	41 47	37 42	34 38	31 35	
-1/2 WINET	40	0.0	10 16.	210	140	103	04	70	00	32.5	47	42	30	33	
2650FS								SPE	ED (M	PH)					
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12	
5 / 161	PSI	GPM	PATTERN					GALLO	NS PE	R ACRE					
BOOM	20	6.7	16 ft.	104	69	52	41	34.5	30	26	23	21	19	17	
west .	30	8.0	16 ft.	124	82.5	52	50	41	35	31	27.5	25	22.5	21	
1/2" MNPT	40	10.0	16 ft.	155	103	77	62	51.5	44	39	34	31	28	26	

2650FM				SPEED (MPH)										
FULL PATTERN			000.00	2	3	4	5	6	7	8	9	10	11	12
150	PSI	GPM	SPRAY PATTERN	_		-			ONS PER					
00	20	6.7	23 ft.	72	48	36	29	24	20.5	18	16	14	13	12
BOOM	30	8.0	23 ft.	86	57	43	34	29	24.5	21.5	19	17	16	14
1/2" MNPT	40	10.0	23 ft.	108	72	54	43	36	31	27	24	21.5	19.5	18
1/2	-10	10.0	2011.	100			-	-				2110	10.0	
2650FL								SP	EED (MF	PH)				
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12
5 / 10	PSI	GPM	PATTERN					GALLO	ONS PER	ACRE				
6.6	20	6.7	38 ft.	43.5	29	22	17.5	14.5	12.5	11	10	9	8	7
weed.	30	8.0	38 ft.	52	35	26	21	17	15	13	11.5	10.5	9.5	9
1/2" MNPT	40	10.0	38 ft.	65	43	32.5	26	22	18.5	16	14.5	13	12	11
040050	0.			SPEED (MPH)										
3120FS														
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12
619	PSI	GPM	PATTERN				-		ONS PER					
ECONOMICE	20	11.3	23 ft.	122	81	61	49	40	37	30	27	24	22	20
ma mil	30	13.0	23 ft.	140	93	70	56	47	43	35	31	28	25	23
1/2" MNPT	40	15.0	23 ft.	161	108	81	65	54	50	41	36	32	29	27
3120FM				SPEED (MPH)										
FULL PATTERN				2	3	4	5	6	7	8	9	10	11	12
FULL PAI TERN	DCI	CDM	SPRAY		3		3		ONS PER		9	10	-"	12
0.00	PSI 20	GPM 11.3	PATTERN 27 ft.	104	69	52	41	35	30 30	26	23	21	19	17
BOOMATO	30		27 ft.	119	79	60	48	40	34	30	26	24	22	
1/2" MNPT	40	13.0 15.0	27 ft.	138	92	69	55	46	39	34	30	28	25	20
1/2 WINFT	40	15.0	27 11.	130	32	05	33	40	39	34	30	20	25	23
3120FL								SP	EED (MF	PH)				
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12
50	PSI	GPM	PATTERN					GALLO	ONS PER	ACRE				
3.53	20	11.3	40 ft.	70	47	35	28	23	20	17.5	15.5	14	13	11.5
BOOM	30	13.0	40 ft.	80	54	40	32	27	23	20	18	16	14.5	13.5
1/2" MNPT	40	15.0	40 ft.	93	62	46.5	37	31	26.5	23	20.5	18.5	17	15.5
					_		_	-	/		_		_	
3750FS			SPRAY					SP	EED (MF	PH)				
FULL PATTERN				2	3	4	5	6	7	8	9	10	11	12
(000	PSI	GPM	PATTERN					GALLO	ONS PER	ACRE				
accompanies	20	13.8	30 ft.	114	76	57	46	38	33	28	25	23	21	19
man	30	16.4	30 ft.	135	90	68	54	45	39	34	30	27	25	23
1/2" MNPT	40	18.0	30 ft.	149	99	74	59	50	42	37	33	30	27	25
2750EM								SP	EED (MF	PH)				
3750FM				_	2		-				_	10		10
FULL PATTERN	501		SPRAY	2	3	4	5	6	7	8	9	10	11	12
639	PSI	GPM	PATTERN	0.5		40	24		ONS PER		10	17	10	
SCORPETON	20	13.8	40 ft.	85	57	43	34	28	24	21	19	17	16	14
1/2" MNDT	30	16.4	40 ft.	101	68	51	41	34	29	25	23	20	18	17
1/2" MNPT	40	18.0	40 ft.	111	74	56	45	37	32	28	25	23	20	18
4370FL								SP	EED (MI	PH)				
FULL PATTERN			SPRAY	2	3	4	5	6	7	8	9	10	11	12
500	PSI	GPM	PATTERN					GALLO	ONS PER	ACRE				
213	20	16.3	44 ft.	92	61	46	37	31	26	23	20	18	17	15
No. of	30	20.0	44 ft.	113	75	56	45	38	32	28	25	23	20	19
1/2" MNPT	40	24.0	44 ft.	135	90	68	54	45	39	34	30	27	25	23
				1										