



SHORT PATTERN
ROADSIDE
REGULAR PATTERN
 FULL PATTERN

All Full Pattern Spray Nozzles were tested at a height of 36 inches. (Recommended operating height is between 18 & 48 inches.)

		1/4" MNPT		SPEED (MPH)								
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE									
			1	2	3	4	5	6	7			
1250FS	20	1.5	16 ft.	46	23	16	12	8	7.5	6.5		
	30	1.7	16 ft.	53	26	18	13	11	9	8		
	40	2.0	16 ft.	62	31	21	16	12	10	9		

		1/4" MNPT		SPEED (MPH)											
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
			2	3	4	5	6	7	8	9	10	11	12		
1400FS	20	1.7	17 ft.	25	17	12	10	8	7	6	5.5	5	4.5	4	
	30	2.0	17 ft.	29	19	15	12	10	8	7	6.5	6	5	4.5	
	40	2.5	17 ft.	36	24	18	15	12	10	9	8	7	6.5	6	

		1/4" MNPT		SPEED (MPH)											
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
			2	3	4	5	6	7	8	9	10	11	12		
1400FM	20	1.7	22 ft.	19	13	10	8	6	5.5	5	4.5	4	3.5	3	
	30	2.0	22 ft.	23	15	11	9	8	6	5.5	5	4.5	4	3.5	
	40	2.5	22 ft.	28	19	14	11	9	8	7	6	5.5	5	4.5	

		1/4" MNPT		SPEED (MPH)											
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
			2	3	4	5	6	7	8	9	10	11	12		
1870FS	20	3.0	18 ft.	41	28	21	17	14	12	10	9	8	7.5	7	
	30	3.5	18 ft.	48	32	24	19	16	14	12	11	10	9	8	
	40	4.3	18 ft.	59	39	30	24	20	17	15	13	12	11	10	

		1/4" MNPT		SPEED (MPH)											
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
			2	3	4	5	6	7	8	9	10	11	12		
1870FM	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	
	40	4.3	23 ft.	46	31	23	19	15	13	12	10	9	8	7.5	

		1/4" MNPT		SPEED (MPH)											
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
			2	3	4	5	6	7	8	9	10	11	12		
1870FL	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	
	40	4.3	30 ft.	36	25	18	14	12	10	9	8	7	6.5	6	