





# Short Pattern Spray Nozzles


All Short Pattern Spray Nozzles were tested at a height of 18 inches. (Recommended operating height is between 12 & 36 inches.) Fresh water used for all testing.


1165 LEFT or RIGHT  1/4" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	1.0	5 ft.	49.5	33	24.5	20	16.5	14	12	11	10	9	8		
30	1.2	5 ft.	59.5	39.5	30	23.5	20	17	15	13	12	11	10		
40	1.4	5 ft.	69.5	46	34.5	27.5	23	20	17	15.5	14	12.5	11.5		


1253 LEFT or RIGHT  1/4 MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	1.5	3 ft.	124	83	62	50	41	35	31	28	25	23	21		
30	1.7	3 ft.	140	94	70	56	47	40	35	31	28	26	23		
40	2.0	3 ft.	165	110	83	66	55	47	41	37	33	30	28		


1255 LEFT or RIGHT  1/4" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	1.5	5 ft.	74	50	37	30	25	21	19	17	15	14	12		
30	1.7	5 ft.	84	56	42	34	28	24	21	19	17	15	14		
40	2.0	5 ft.	99	66	50	40	33	28	25	22	20	18	17		


1404 LEFT or RIGHT  1/4" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	1.7	4 ft.	105	70	53	42	35	30	26	23	21	19	18		
30	2.0	4 ft.	124	83	62	50	41	35	31	28	25	23	21		
40	2.5	4 ft.	155	103	77	62	52	44	39	34	31	28	26		


1406 LEFT or RIGHT  1/4 MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	1.7	6 ft.	70	47	35	28	23	20	18	16	14	13	12		
30	2.0	6 ft.	83	55	41	33	28	24	21	18	17	15	14		
40	2.5	6 ft.	103	69	52	41	34	30	26	23	21	19	17		


1876 LEFT or RIGHT  1/4" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	3.0	6 ft.	124	83	62	50	41	35	31	28	25	23	21		
30	3.5	6 ft.	144	96	72	58	48	41	36	32	29	26	24		
40	4.3	6 ft.	177	118	89	71	59	51	44	39	35	32	30		

1871 LEFT or RIGHT  1/4" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	3.0	10 ft.	74	50	37	30	25	21	19	17	15	14	13		
30	3.5	10 ft.	87	58	43	35	29	25	22	19	17	16	15		
40	4.3	10 ft.	106	71	53	43	35	30	27	24	21	19	18		

2651 LEFT or RIGHT  1/2" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	6.7	10 ft.	166	111	83	66	55	47	41	37	33	30	28		
30	7.5	10 ft.	186	124	93	74	62	53	46	41	37	34	31		
40	8.5	10 ft.	210	140	105	84	70	60	53	47	42	38	35		

3121 LEFT or RIGHT  1/2" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	7.2	10 ft.	178	119	89	71	59	51	45	40	36	32	30		
30	9.0	10 ft.	223	149	111	89	74	64	56	50	45	41	37		
40	10.6	10 ft.	262	175	131	105	87	75	66	58	52	48	44		

3751 LEFT or RIGHT  1/2" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	12	10 ft.	297	198	148.5	119	99	85	74	66	59.5	54	49.5		
30	14	10 ft.	346.5	231	173	138.5	115.5	99	86.5	77	69	63	58		
40	15	10 ft.	371	247.5	185.5	148.5	124	106	93	82.5	74	67.5	62		

4371 LEFT or RIGHT  1/2" MNPT				SPEED (MPH)											
				2	3	4	5	6	7	8	9	10	11	12	
PSI	GPM	SPRAY PATTERN	GALLONS PER ACRE												
20	13.0	10 ft.	322	214.5	161	128.5	107	92	80.5	71.5	64	58.5	53.5		
30	15.5	10 ft.	383.5	256	192	153.5	128	109.5	96	85	76.5	70	64		
40	17.5	10 ft.	433	289	216.5	173	144.5	124	108	96	86.5	79	72		