

5500 Nozzle Performance						
Pressure psi	Nozzle	Radius ft.	Flow gpm	Precip In/h	Precip In/h	
30	2	33	1.2	0.21	0.25	
	3	35	2.3	0.36	0.42	
	4	37	2.4	0.34	0.39	
	5	37	2.6	0.37	0.42	
	6	39	4.2	0.53	0.61	
	8	39	5.3	0.67	0.77	
40	2	37	1.6	0.23	0.26	
	3	39	2.7	0.34	0.39	
	4	41	2.9	0.33	0.38	
	5	41	3.5	0.40	0.46	
	6	45	4.8	0.46	0.53	
	8	45	6.4	0.61	0.70	
	10	41	7.5	0.86	0.99	
	12	39	10.1	1.28	1.48	
50	2	37	1.7	0.24	0.28	
	3	41	3.0	0.34	0.40	
	4	43	3.3	0.34	0.40	
	5	45	3.8	0.36	0.42	
	6	47	5.4	0.47	0.54	
	8	49	7.3	0.59	0.68	
	10	47	8.9	0.78	0.90	
	12	45	11.1	1.06	1.22	
60	2	37	1.9	0.27	0.31	
	3	41	3.3	0.38	0.44	
	4	45	3.6	0.34	0.40	
	5	47	4.8	0.42	0.48	
	6	47	6.0	0.52	0.60	
	8	51	8.2	0.61	0.70	
	10	51	9.7	0.72	0.83	
	12	51	12.3	0.91	1.05	
70	2	39	2.1	0.27	0.31	
	3	43	3.5	0.36	0.42	
	4	45	3.9	0.37	0.43	
	5	47	5.1	0.44	0.51	
	6	47	6.5	0.57	0.65	
	8	53	8.8	0.60	0.70	
	10	53	11.1	0.76	0.88	
	12	53	13.5	0.93	1.07	
80	2	39	2.3	0.29	0.34	
	3	43	3.8	0.40	0.46	
	4	45	4.2	0.40	0.46	
	5	47	5.5	0.48	0.55	
	6	49	7.0	0.56	0.65	
	8	53	9.5	0.65	0.75	
90	10	55	12.1	0.77	0.89	
	12	55	14.4	0.92	1.06	
	10	55	13.1	0.83	0.96	
	12	55	15.5	0.99	1.14	

5500 Short Radius Nozzle Performance						
Pressure psi	Nozzle	Radius ft.	Flow gpm	Precip In/h	Precip In/h	
30	18S	17	1.4	0.93	1.08	
	22S	19	1.4	0.75	0.86	
	26S	25	1.4	0.43	0.50	
	30S	25	1.7	0.52	0.60	
40	18S	19	1.5	0.80	0.92	
	22S	21	1.6	0.70	0.81	
	26S	25	1.9	0.59	0.68	
	30S	29	1.8	0.41	0.48	
50	18S	21	1.8	0.79	0.91	
	22S	23	1.8	0.66	0.76	
	26S	29	2.1	0.48	0.56	
	30S	31	2.0	0.40	0.46	
60	18S	23	2.0	0.73	0.84	
	22S	25	2.0	0.62	0.71	
	26S	29	2.4	0.55	0.63	
	30S	33	2.2	0.39	0.45	
70	18S	23	2.2	0.80	0.92	
	22S	25	2.3	0.71	0.82	
	26S	29	2.8	0.64	0.74	
	30S	35	2.8	0.44	0.51	
80	18S	25	2.4	0.74	0.85	
	22S	27	2.5	0.66	0.76	
	26S	29	3.1	0.71	0.82	
	30S	35	3.1	0.49	0.56	



5500 Short Radius Nozzles

5500 Nozzle Performance							METRIC
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h	
2.1	2	10.1	0.32	4.54	6.3	7.3	■ ▲
	3	10.7	0.52	8.71	9.2	10.6	
	4	11.3	0.59	9.08	9.3	10.7	
	5	11.3	0.73	9.84	11.4	13.2	
	6	11.3	0.86	15.90	13.6	15.7	
	8	10.1	1.23	20.06	24.2	28.0	
2.5	2	10.8	0.35	5.49	5.9	6.8	
	3	11.4	0.58	9.65	8.9	10.2	
	4	12.0	0.66	10.27	9.1	10.5	
	5	12.0	0.81	11.97	11.2	12.9	
	6	12.4	0.96	17.32	12.5	14.4	
	8	11.2	1.37	22.67	21.8	25.2	
3.0	2	11.3	0.38	6.19	6.0	6.9	
	3	12.1	0.64	10.62	8.7	10.0	
	4	12.7	0.74	11.51	9.1	10.5	
	5	12.9	0.90	13.65	10.8	12.5	
	6	13.3	1.07	18.97	12.1	13.9	
	8	12.3	1.53	25.42	20.1	23.2	
	10	13.1	1.74	30.25	20.1	23.2	
	12	12.5	2.30	39.56	29.3	33.8	
3.5	2	11.3	0.41	6.49	6.5	7.5	
	3	12.5	0.69	11.44	8.8	10.2	
	4	13.2	0.80	12.58	9.2	10.7	
	5	13.8	0.98	14.67	10.4	12.0	
	6	13.8	1.17	20.61	12.3	14.2	
	8	13.2	1.67	27.89	19.3	22.3	
	10	14.4	1.83	33.92	17.6	20.3	
	12	13.9	2.54	42.36	26.5	30.6	
4.0	2	11.3	0.45	7.04	7.0	8.1	
	3	12.5	0.75	12.27	9.7	11.2	
	4	13.6	0.85	13.40	9.2	10.6	
	5	14.2	1.05	17.42	10.4	12.0	
	6	14.2	1.25	22.26	12.4	14.3	
	8	13.6	1.80	30.36	19.5	22.5	
	10	15.3	2.12	36.11	18.1	20.9	
	12	15.2	2.74	45.65	23.8	27.4	

Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h	
4.5	2	11.6	0.48	7.59	7.1	8.2	■ ▲
	3	12.8	0.80	12.89	9.7	11.2	
	4	13.7	0.90	14.22	9.6	11.0	
	5	14.3	1.12	18.77	10.9	12.6	
	6	14.3	1.33	23.71	13.0	15.0	
	8	14.0	1.92	32.23	19.5	22.5	
	10	15.9	2.38	39.51	18.9	21.9	
	12	15.9	2.94	48.95	23.3	26.9	
5.0	2	11.9	0.51	8.14	7.2	8.3	
	3	13.1	0.83	13.53	9.7	11.2	
	4	13.7	0.95	15.05	10.1	11.6	
	5	14.3	1.18	19.69	11.5	13.3	
	6	14.5	1.41	25.08	13.4	15.5	
	8	14.5	2.04	33.98	19.4	22.5	
	10	16.3	2.60	42.97	19.5	22.5	
	12	16.3	3.12	51.96	23.4	27.1	
5.5	2	11.9	0.52	8.69	7.4	8.5	
	3	13.1	0.88	14.36	10.3	11.9	
	4	13.7	1.00	15.87	10.6	12.2	
	5	14.3	1.25	20.78	12.2	14.0	
	6	14.9	1.47	26.45	13.2	15.3	
	8	14.9	2.15	35.90	19.3	22.3	
	10	16.8	2.74	45.71	19.6	22.6	
	12	16.8	3.27	54.43	23.3	26.9	
6.0	10	16.8	2.91	48.46	20.7	23.9	
	12	16.8	3.45	57.43	24.5	28.3	
6.2	10	16.8	2.98	49.58	21.2	24.4	
	12	16.8	3.52	58.66	25.1	28.9	

Precipitation rates based on half-circle operation

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASAE Standards; ASAE S398.1.

See page 224 for complete ASAE Test Certification Statement.

5500 Short Radius Nozzle Performance						METRIC
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	Precip mm/h	Precip mm/h
2.1	18S	5.2	0.32	5.3	23.7	27.3
	22S	5.8	0.32	5.3	19.0	21.9
	26S	7.6	0.32	5.3	11.0	12.6
	30S	7.6	0.39	6.4	13.3	15.4
2.5	18S	5.6	0.33	5.5	21.5	24.8
	22S	6.2	0.35	5.8	18.2	21.0
	26S	7.6	0.39	6.5	13.4	15.5
	30S	8.4	0.40	6.7	11.4	13.2
3.0	18S	6.0	0.36	6.1	20.2	23.3
	22S	6.6	0.38	6.3	17.3	20.0
	26S	8.0	0.45	7.5	13.8	16.0
	30S	9.1	0.42	7.1	10.4	12.0
3.5	18S	6.4	0.41	6.9	19.8	22.9
	22S	7.1	0.41	6.9	16.6	19.1
	26S	8.8	0.48	8.0	12.3	14.3
	30S	9.5	0.46	7.6	10.2	11.7
4.0	18S	6.9	0.45	7.4	18.8	21.7
	22S	7.5	0.45	7.4	15.8	18.3
	26S	8.8	0.53	8.9	13.6	15.7
	30S	9.9	0.49	8.2	9.9	11.5
4.5	18S	7.0	0.49	8.2	19.9	23.0
	22S	7.6	0.49	8.2	16.9	19.5
	26S	8.8	0.59	9.9	15.2	17.5
	30S	10.4	0.57	9.5	10.6	12.2
5.0	18S	7.2	0.53	8.9	20.8	24.0
	22S	7.8	0.53	8.9	17.7	20.4
	26S	8.8	0.65	10.9	16.7	19.3
	30S	10.7	0.65	10.9	11.5	13.3
5.5	18S	7.6	0.57	9.4	19.6	22.6
	22S	8.2	0.57	9.4	16.8	19.4
	26S	8.8	0.70	11.7	18.0	20.8
	30S	10.7	0.70	11.7	12.3	14.3

Precipitation rates based on half-circle operation

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASAE Standards; ASAE S398.1.
See page 224 for complete ASAE Test Certification Statement.



5500 Cutaway



5500 Series Nozzles