

5000 Series Rotors

5000 Series Std. Angle Rain Curtain™ Nozzle Performance					
Pressure psi	Nozzle	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
25	1.5	33	1.12	0.20	0.23
	2.0	35	1.50	0.24	0.27
	2.5	35	1.81	0.28	0.33
	3.0	36	2.26	0.34	0.39
	4.0	37	2.91	0.41	0.47
	5.0	39	3.72	0.47	0.54
	6.0	39	4.25	0.54	0.62
	8.0	36	5.90	0.88	1.01
35	1.5	34	1.35	0.22	0.26
	2.0	36	1.81	0.27	0.31
	2.5	37	2.17	0.31	0.35
	3.0	38	2.71	0.36	0.42
	4.0	40	3.50	0.42	0.49
	5.0	41	4.47	0.51	0.59
	6.0	43	5.23	0.54	0.63
	8.0	43	7.06	0.74	0.85
45	1.5	35	1.54	0.24	0.28
	2.0	37	2.07	0.29	0.34
	2.5	37	2.51	0.35	0.41
	3.0	40	3.09	0.37	0.43
	4.0	42	4.01	0.44	0.51
	5.0	45	5.09	0.48	0.56
	6.0	46	6.01	0.55	0.63
	8.0	47	8.03	0.70	0.81
55	1.5	35	1.71	0.27	0.31
	2.0	37	2.30	0.32	0.37
	2.5	37	2.76	0.39	0.45
	3.0	40	3.47	0.42	0.48
	4.0	42	4.44	0.48	0.56
	5.0	45	5.66	0.54	0.62
	6.0	47	6.63	0.58	0.67
	8.0	50	8.86	0.68	0.79
65	1.5	34	1.86	0.31	0.36
	2.0	35	2.52	0.40	0.46
	2.5	37	3.01	0.42	0.49
	3.0	40	3.78	0.45	0.53
	4.0	42	4.83	0.53	0.61
	5.0	45	6.16	0.59	0.68
	6.0	48	7.22	0.60	0.70
	8.0	50	9.63	0.74	0.86

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.

5000 Series Std. Angle Nozzle Performance						METRIC	
Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h	
1.7	1.5	10.10	0.25	4.2	5	6	
	2.0	10.70	0.34	5.4	6	7	
	2.5	10.70	0.41	6.6	7	8	
	3.0	11.00	0.51	8.4	8	10	
	4.0	11.3	0.66	10.8	10	12	
	5.0	11.90	0.84	13.8	12	14	
	6.0	11.90	0.97	16.2	14	16	
	8.0	11.00	1.34	22.2	22	26	
2.0	1.5	10.20	0.28	4.8	5	6	
	2.0	10.80	0.36	6.0	6	7	
	2.5	10.90	0.44	7.2	7	9	
	3.0	11.20	0.55	9.0	9	10	
	4.0	11.6	0.71	12.0	11	12	
	5.0	12.10	0.91	15.0	12	14	
	6.0	12.40	1.05	17.4	14	16	
	8.0	11.80	1.45	24.0	21	24	
2.5	1.5	10.40	0.31	5.4	6	7	
	2.0	11.00	0.41	6.6	7	8	
	2.5	11.30	0.50	8.4	8	9	
	3.0	11.20	0.62	10.2	9	11	
	4.0	12.3	0.81	13.2	11	13	
	5.0	12.70	1.03	17.4	13	15	
	6.0	13.20	1.21	20.4	14	16	
	8.0	13.30	1.63	27.0	19	21	
3.0	1.5	10.60	0.34	6.0	6	7	
	2.0	11.20	0.45	7.8	7	8	
	2.5	11.30	0.56	9.6	9	10	
	3.0	12.10	0.69	11.4	9	11	
	4.0	12.7	0.89	15.0	11	13	
	5.0	13.50	1.13	18.6	12	14	
	6.0	13.90	1.34	22.2	14	16	
	8.0	14.10	1.79	30.0	18	21	
3.5	1.5	10.70	0.37	6.0	7	8	
	2.0	11.30	0.49	8.4	8	9	
	2.5	11.30	0.60	10.2	9	11	
	3.0	12.20	0.74	12.6	10	12	
	4.0	12.8	0.97	16.2	12	14	
	5.0	13.70	1.23	20.4	13	15	
	6.0	14.20	1.45	24.0	14	17	
	8.0	14.90	1.93	32.4	18	20	
4.0	1.5	10.60	0.40	6.6	7	8	
	2.0	11.10	0.52	9.0	8	10	
	2.5	11.30	0.64	10.8	10	12	
	3.0	12.20	0.80	13.2	11	12	
	4.0	12.8	1.04	17.4	13	15	
	5.0	13.70	1.32	22.2	14	16	
	6.0	14.90	1.55	25.8	15	17	
	8.0	15.20	2.06	34.2	18	21	
4.5	1.5	10.40	0.42	7.2	8	9	
	2.0	10.70	0.55	9.0	10	11	
	2.5	11.30	0.68	11.4	11	12	
	3.0	12.20	0.84	13.8	11	13	
	4.0	12.8	1.10	18.0	13	15	
	5.0	13.70	1.40	23.4	15	17	
	6.0	14.60	1.64	28.2	15	18	
	8.0	15.20	2.19	36.6	19	22	