

5' Family Red						
Pattern	Desc.	Pres. kPa	Lpm	Radius m	Prec. Rate	
					mm/hr▲	mm/hr■
	5-Q	150	0.23	1.3	37.5	32.5
		200	0.37	1.5	45.1	39.0
		250	0.46	1.6	49.5	42.9
		300	0.55	1.7	52.6	45.6
		350	0.64	1.8	54.8	47.4
	5-T	150	0.31	1.3	38.4	33.3
		200	0.48	1.5	44.0	38.1
		250	0.59	1.6	48.3	41.8
		300	0.71	1.7	51.3	44.5
		350	0.83	1.8	53.4	46.3
	5-H	150	0.43	1.3	35.5	30.8
		200	0.73	1.5	45.1	39.0
		250	0.83	1.6	45.0	38.9
		300	1.00	1.7	47.8	41.4
		350	1.09	1.8	46.7	40.5
	5-F	150	1.11	1.3	45.5	39.4
		200	1.50	1.5	46.2	40.0
		250	1.67	1.6	45.1	39.0
		300	2.00	1.7	47.9	41.5
		350	2.20	1.8	47.0	40.7

12' Family Brown						
Pattern	Desc.	Pres. kPa	Lpm	Radius m	Prec. Rate	
					mm/hr▲	mm/hr■
	12-Q	150	1.88	3.4	45.0	39.0
		200	2.09	3.6	44.6	38.6
		250	2.35	3.8	45.0	39.0
		300	2.82	4.0	48.8	42.2
		350	2.76	4.0	47.8	41.4
	12-T	150	2.44	3.4	44.0	38.1
		200	2.75	3.6	44.0	38.1
		250	3.11	3.8	44.8	38.8
		300	3.73	3.9	51.0	44.2
		350	3.88	4.0	50.4	43.7
	12-H	150	4.13	3.4	49.5	42.8
		200	4.21	3.6	45.0	39.0
		250	4.71	3.8	45.2	39.1
		300	5.65	4.1	46.6	40.3
		350	6.28	4.3	47.1	40.8
	12-TT	150	4.93	3.4	44.3	38.4
		200	5.67	3.6	45.5	39.4
		250	5.98	3.8	43.0	37.3
		300	7.17	3.9	49.0	42.5
		350	7.39	4.0	48.0	41.6
	12-TQ	150	4.80	3.3	40.7	35.2
		200	6.30	3.6	44.9	38.9
		250	6.28	3.8	40.2	34.8
		300	7.54	3.9	45.8	39.7
		350	7.68	4.0	44.3	38.4
	12-F	150	7.16	3.4	42.9	37.2
		200	8.35	3.6	44.6	38.6
		250	8.40	3.8	40.3	34.9
		300	10.07	3.9	45.9	39.7
		350	10.80	4.0	46.8	40.5

8' Family Green						
Pattern	Desc.	Pres. kPa	Lpm	Radius m	Prec. Rate	
					mm/hr▲	mm/hr■
	8-Q	150	0.76	2.2	43.4	37.6
		200	0.95	2.4	45.8	39.7
		250	0.97	2.5	42.9	37.1
		300	1.16	2.6	47.5	41.2
		350	1.21	2.8	42.7	37.0
	8-T	150	1.07	2.2	46.1	39.9
		200	1.24	2.4	44.9	38.9
		250	1.40	2.5	46.6	40.3
		300	1.68	2.6	51.7	44.7
		350	1.74	2.8	46.2	40.0
	8-H	150	1.58	2.2	45.4	39.3
		200	1.90	2.4	45.8	39.7
		250	2.07	2.5	45.9	39.7
		300	2.48	2.6	50.9	44.1
		350	2.60	2.8	45.9	39.8
	8-F	150	3.17	2.2	45.4	39.3
		200	3.81	2.4	45.8	39.7
		250	4.14	2.5	45.9	39.7
		300	4.97	2.6	50.9	44.1
		350	5.20	2.8	45.9	39.8

15' Family Black						
Pattern	Desc.	Pres. kPa	Lpm	Radius m	Prec. Rate	
					mm/hr▲	mm/hr■
	15-Q	150	3.00	4.3	44.9	38.9
		200	3.33	4.5	45.6	39.5
		250	3.82	4.8	46.0	39.8
		300	4.58	4.9	52.9	45.8
		350	5.06	4.9	58.4	50.6
	15-T	150	4.23	4.2	49.9	43.2
		200	4.36	4.5	44.7	38.7
		250	4.83	4.7	45.4	39.3
		300	5.79	4.7	54.5	47.2
		350	6.03	4.8	54.4	47.1
	15-H	150	6.22	4.1	51.3	44.4
		200	6.66	4.5	45.6	39.5
		250	7.65	4.8	46.0	39.8
		300	9.17	4.9	52.9	45.9
		350	9.07	4.9	52.4	45.3
	15-TT	150	8.03	4.3	45.1	39.1
		200	8.82	4.5	45.3	39.2
		250	10.00	4.8	45.1	39.1
		300	12.00	4.9	51.9	45.0
		350	11.96	4.9	51.8	44.8
	15-TQ	150	9.18	4.1	50.4	43.7
		200	10.10	4.5	46.1	39.9
		250	10.93	4.7	45.7	39.6
		300	13.11	4.8	52.6	45.5
		350	13.87	4.9	53.4	46.2
	15-F	150	12.16	4.1	50.1	43.4
		200	13.65	4.5	46.7	40.5
		250	14.93	4.8	44.9	38.9
		300	17.92	4.9	51.7	44.8
		350	18.24	4.9	52.6	45.6

▲ Triangle spacing based on 50% of the diameter of throw
 ■ Square spacing based on 50% of the diameter of throw