

Irritrol's new I-PRO™ nozzles with Matched Precipitation Rate are designed to simplify your design process while delivering precision performance. An I-PRO MPR nozzle ensures even water distribution within an arc family allowing for accurate control of precipitation rate, radius and flow. Compared to the competition, these I-PRO nozzles give an equal to or lower on average precipitation and flow rate adding greater irrigation efficiency.

I-PRO nozzles are female-threaded and include a ribbed-edge design for a non-slip grip.

Compatible with all Irritrol spray heads as well as any male-threaded riser in the industry, Irritrol's newest nozzle series are just the right nozzles to get the job done.



Features

Matched Precipitation Rates

- Ensures even water distribution within each family.

Low-flow rates

- Allow for more sprinklers to be installed on the same zone.

Colour-Coded Top

- For quick and easy radius identification.

Female-Threaded

- Compatible with any male-threaded riser in the industry.

Ribbed-Edge Design

- Provides for a non-slip grip.

Stainless steel radius adjustment screw

- Allows for up to 25% in-field reduction.

5 year warranty

Specialty Nozzle 9' Series - 20° Trajectory

Pattern	Desc.	Pressure kPa	Lpm	Radius m
	9-EST	150	1.58	0.9 x 2.4
		200	1.69	1.2 x 2.7
		250	1.78	1.4 x 2.9
		275	1.82	1.5 x 3.0
	9-CST	150	3.26	0.9 x 4.9
		200	3.39	1.2 x 5.4
		250	3.58	1.4 x 5.7
		275	3.68	1.5 x 6.0
	9-SST	150	3.26	0.9 x 4.9
		200	3.39	1.2 x 5.4
		250	3.58	1.4 x 5.7
		275	3.68	1.5 x 6.0

Specialty Nozzle 15' Series - 21° Trajectory

Pattern	Desc.	Pressure kPa	Lpm	Radius m
	15-EST	150	2.01	0.9 x 4.2
		200	2.27	1.1 x 4.4
		250	2.53	1.4 x 4.9
		275	2.65	1.5 x 5.1
	15-CST	150	4.24	0.9 x 8.5
		200	4.55	1.2 x 9.0
		250	4.93	1.4 x 9.5
		275	5.12	1.5 x 9.7
	15-SST	150	4.24	0.9 x 8.5
		200	4.55	1.2 x 9.0
		250	4.93	1.4 x 9.5
		275	5.12	1.5 x 9.7

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

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

10' Family Blue

Pattern	Desc.	Pres. kPa	Lpm	Radius m	Prec. Rate	
					mm/hr▲	mm/hr■
	10-Q	150	1.24	2.8	43.7	37.8
		200	1.46	3.0	45.1	39.0
		250	1.72	3.2	46.4	40.2
		300	2.06	3.5	46.6	40.3
		350	2.31	3.7	46.7	40.4
		150	1.76	2.8	46.7	40.5
	10-T	200	1.94	3.0	44.8	38.8
		250	2.27	3.2	46.1	40.0
		300	2.73	3.5	46.3	40.1
		350	2.94	3.7	44.6	38.6
		150	2.82	2.8	49.8	43.1
		200	2.96	3.0	45.6	39.5
	10-H	250	3.33	3.2	45.0	39.0
		300	3.99	3.4	47.9	41.4
		350	4.34	3.5	49.1	42.5
		150	5.03	2.7	47.8	41.4
		200	6.00	3.0	46.2	40.0
		250	6.08	3.1	43.8	38.0
	10-F	300	7.30	3.3	46.4	40.2
		350	7.83	3.4	46.9	40.6

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
		150	2.44	3.4	44.0	38.1
	12-T	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
		150	4.13	3.4	49.5	42.8
		200	4.21	3.6	45.0	39.0
	12-H	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
		150	4.93	3.4	44.3	38.4
		200	5.67	3.6	45.5	39.4
	12-TT	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
		150	4.80	3.3	40.7	35.2
		200	6.30	3.6	44.9	38.9
	12-TQ	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
		150	7.16	3.4	42.9	37.2
	12-F	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

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