

SIME POLARIS - NOZZLE RANGES 22 TO 40 mm

Diameter	Pressure		Jet length		Capacity		Values for a single sprinkler		Rectangular pattern of irrigators			Triangular pattern			
							Irrigated area	Rainfall per hour	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour	Distance between sprinklers	Distance between 2 continuous pipelines	Irrigated area	Rainfall per hour
mm	bar	psi	m	feet	l/min	cu.m/h	sq.m	mm/h	m	sq.m	mm/h	m	m	sq.m	mm/h
26	4	56	46	151	997	59.8	6644	9	82	3772	15.8	79	69	5451	10.9
	5	70	49	160	1116	66.9	7539	8.8	88	4312	15.5	84	73	6132	10.9
	6	85	52	170	1223	73.3	8494	8.6	93	4836	15.1	90	78	7020	10.4
	7	100	55	181	1318	79	9498	8.3	99	5445	14.5	95	82	7790	10.1
28	4	56	48	157	1132	67.9	7238	9.4	86	4128	16.4	83	72	5976	11.3
	5	70	50	164	1266	75.9	7853	9.6	90	4500	16.8	86	75	6450	11.7
	6	85	54	177	1386	83.1	9156	9	97	5238	15.9	93	81	7533	11
	7	100	58	190	1496	89.7	10562	8.5	104	6032	14.9	100	87	8700	10.3
30	4	56	49	160	1278	76.7	7539	10.2	88	4312	17.8	84	73	6132	12.5
	5	70	52	170	1430	85.8	8494	10.1	93	4836	17.7	90	78	7020	12.2
	6	85	56	184	1565	93.9	9847	9.5	100	5600	16.7	96	84	8064	16.7
	7	100	59	192	1688	101	10930	9.2	106	6254	16.1	102	88	8976	11.2
32	5	70	55	181	1602	96.1	9498	10.1	99	5445	17.6	95	82	7790	12.3
	6	85	58	190	1756	105	10562	9.9	104	6032	17.4	100	87	8700	12
	7	100	60	197	1892	113	11304	9.9	108	6480	17.4	103	90	9270	12.1
	8	115	62	202	2026	121	12070	10	111	6882	17.6	107	93	9951	12.1
34	5	70	57	187	1786	107	10200	10.5	102	5814	18.4	98	85	8330	12.8
	6	85	60	197	1958	117	11304	10.3	108	6480	18	103	90	9270	12.6
	7	100	62	202	2110	126	12070	10.4	111	6882	18.3	107	93	9951	12.6
	8	115	64	209	2263	136	12860	10.5	115	7360	18.5	110	96	10560	12.8



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