

**SIME RANGER - NOZZLE RANGE 18 TO 36 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
24	2	29	33	108	509	30.5	3419	8.9	59	1947	15.6	57	49	2793	10.9
	3	44	39	127	623	37.3	4775	7.8	70	2730	13.6	67	58	3886	9.6
	4	56	44	145	720	43.2	6082	7.1	79	3476	12.4	76	66	5016	8.6
	5	70	48	157	806	48.3	7238	6.6	86	4128	11.7	83	72	5976	8.1
26	2	29	37	121	598	35.9	4298	8.4	66	2442	14.7	64	55	3520	10.2
	3	44	41	134	732	43.9	5281	8.3	73	293	14.6	70	61	4270	10.2
	4	56	46	150	846	50.7	6644	7.6	82	3772	13.4	79	69	5451	9.3
	5	70	51	168	946	56.7	8167	6.9	91	4641	12.2	88	76	6688	8.5
28	3	44	44	145	848	50.9	6082	8.4	79	3476	14.6	76	66	5016	10.1
	4	56	48	157	981	58.8	7238	8.1	86	4128	14.2	83	72	5976	9.8
	5	70	52	170	1096	65.7	8494	7.7	93	4836	13.6	90	78	7020	9.3
	6	85	55	181	1202	72.1	9498	7.6	99	5445	13.2	95	82	7790	9.2
30	3	44	46	157	974	58.4	6644	8.8	82	3772	15.5	79	69	5451	10.7
	4	56	50	164	1127	67.6	7853	8.6	90	4500	15.2	86	75	6450	10.5
	5	70	54	177	1260	75.6	9156	8.2	97	5238	14.4	93	81	7533	10
	6	85	57	187	1381	82.8	10200	8.1	102	5814	14.2	98	85	8330	9.9
32	4	56	52	170	1282	76.9	8494	9	93	4836	15.9	90	78	7020	10.9
	5	70	56	184	1433	85.9	9847	8.7	100	5600	15.3	96	84	8064	10.6
	6	85	59	192	1570	94.2	10930	8.6	106	6254	15	102	88	8976	10.5
	7	100	62	202	1694	101.6	12070	8.4	111	6882	14	107	93	9951	10.2
34	4	56	53	173	1448	86.9	8820	9.8	95	5035	17.2	91	79	7189	12
	5	70	57	187	1619	97.1	10200	9.5	102	5814	16.7	98	85	8330	11.6
	6	85	61	199	1774	106.4	11683	9.1	109	6649	16	105	91	9555	11.1
	7	100	64	210	1913	114.8	12860	8.9	115	7360	15.6	110	96	10560	10.9



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