

**SIME RIVER - NOZZLE RANGES 10 TO 20 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
10	2	29	18.5	60	88	5.3	1075	4.9	26	676	7.8	32	27	864	6.1
	2.5	37	20	66	99	5.9	1256	4.7	28	784	7.5	34	30	1020	5.8
	3	44	21	68	108	6.5	1384	4.7	30	900	7.2	36	31	1116	5.8
	4	56	23	75	125	7.5	1661	4.5	32	1024	7.3	39	34	1326	5.6
12	2.5	37	21	68	143	8.6	1384	6.2	30	900	9.5	36	31	1116	7.7
	3	44	22	72	155	9.4	1519	6.2	31	961	9.7	38	33	1254	7.5
	3.5	51	24	78	168	10.2	1808	5.6	33	1089	9.4	41	36	1476	6.9
	4	56	26	85	180	10.8	2123	5.1	36	1296	8.3	45	39	1755	6.2
14	2.5	37	21	68	194	11.6	1384	8.3	30	900	12.8	36	31	1116	10.3
	3	44	23	75	212	12.8	1661	7.7	32	1024	12.5	39	34	1326	9.7
	3.5	51	26	82	230	13.8	2123	6.5	36	1296	10.6	45	39	1755	7.8
	4.5	66	28	88	260	15.6	2461	6.3	39	1521	10.2	48	42	2016	7.7
16	3	44	27	82	276	16.7	2289	7.3	38	1444	11.5	46	40	1840	9
	3.5	51	28	88	298	18.1	2461	7.3	39	1521	11.9	48	42	2016	8.9
	4	56	30	94	320	19.3	2826	6.8	42	1764	10.9	52	45	2340	8.2
	5	70	33	102	356	21.3	3419	6.3	46	2116	10	57	49	2793	7.6
18	3	44	28	92	350	21	2461	8.5	39	1521	13.8	48	42	2016	10.4
	4	56	31	102	405	24.3	3017	8	43	1849	13.1	53	46	2438	9.9
	5	70	35	108	452	27.1	3846	7	49	2401	11.2	60	52	3120	8.7
	6	85	37	114	496	29.7	4298	6.9	52	2704	10.9	64	55	3520	8.4



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