

**SIME BIG RIVER - NOZZLE RANGES 16 TO 30 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
20	3	44	36	119	520	31.2	4061	7.6	64	2304	13.5	62	54	3348	9.3
	4	56	40	132	601	36	5026	7.2	72	2880	12.5	69	60	4140	8.7
	5	70	43	141	673	40.3	5808	6.9	77	3311	12.1	74	64	4736	8.5
	6	85	46	150	736	44	6647	6.6	82	3772	11.6	79	69	5451	8.1
22	4	56	41	134	704	42.2	5281	7.9	73	2993	14.1	70	61	4270	9.8
	4,5	66	43	141	748	44.8	5808	7.7	77	3311	13.5	74	64	4736	9.4
	5	70	45	147	789	47.3	6361	7.4	81	3645	12.9	77	67	5159	9.1
	6	85	48	157	864	51.8	7238	7.1	86	4128	12.5	83	72	5976	8.6
24	4	56	43	141	820	49.2	5808	8.4	77	3311	14.8	74	64	4736	10.4
	4,5	66	45	147	871	52.2	6361	8.2	81	3645	14.3	77	67	5159	10.1
	5	70	47	154	918	55	6939	7.9	84	3948	13.9	81	70	5670	9.7
	6	85	50	164	1006	60.3	7853	7.6	90	4500	13.4	86	75	6450	9.3
26	4	56	45	147	946	56.7	6361	8.9	81	3645	15.5	77	67	5159	10.9
	5	70	48	157	1058	63.4	7238	8.7	86	4128	15.3	83	72	5976	10.6
	6	85	51	168	1160	69.6	8167	8.5	91	4641	14.9	88	76	6688	10.4
	7	100	53	173	1250	75	8820	8.5	95	5035	14.8	91	79	7189	10.4
28	4	56	46	151	1081	64.8	6644	9.7	82	3772	17.2	79	69	5451	11.9
	5	70	49	160	1208	72.4	7539	9.6	88	4312	16.7	84	73	6132	11.8
	6	85	52	170	1325	79.5	8494	9.3	93	4836	16.4	90	78	7020	11.3
	7	100	54	177	1430	85.8	9156	9.3	97	5238	16.3	93	81	7533	11.3



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