

SIME WING - NOZZLE RANGE 12 TO 24 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
12	2	29	22	72	127	7.6	1519	5	32	1024	7.4	22	39	858	8.8
	3	44	25.5	83.6	155	9.3	2041	4.5	36	1296	7.2	25.5	46	1173	7.9
	4	56	29	95	179	10.7	2640	4	40	1600	6.7	29	52	1508	7.1
	5	70	32	105	202	12.1	3217	3.7	45	2025	6	32	57	1824	6.6
14	2	29	24	78.7	174	10.4	1808	5.7	34	1156	9	24	43	1032	10
	3	44	29	95	212	12.7	2640	4.8	40	1600	7.9	29	52	1508	8.4
	4	56	32	105	245	14.7	3217	4.6	45	2025	7.3	32	57	1824	8
	5	70	35.5	116	274	16.4	3957	42	50	2500	6.6	35.5	64	2272	7.2
16	2	29	25	82	226	13.5	1962	6.8	35	1225	11	25	45	1125	12
	3	44	30.5	100	276	16.5	2921	5.7	43	1849	8.9	30.5	55	1677	9.8
	4	56	34.5	113	320	19.2	3737	5.1	49	2401	8	34.5	62	2139	9
	5	70	37.5	123	356	21.3	4415	4.8	53	2809	7.6	37.5	67	2512	8.5
18	2	29	26.5	87	286	17.1	2205	7.7	37	1369	12.5	26.5	48	1272	13.4
	3	44	32	105	350	21	3217	6.5	45	2025	10.4	32	57	1824	11.5
	4	56	36.5	119.7	404	24.2	4183	5.8	51	2601	9.3	36.5	66	2409	10
	5	70	40	131	452	27.1	5024	5.4	56	3136	8.6	40	72	2880	9.4
20	3	44	33	108	432	25.9	3419	7.6	46	2116	12.2	33	59	1947	13.3
	4	56	37.5	123	501	30	4415	6.8	53	2809	10.7	37.5	67	2512	12
	5	70	41	134.5	560	33.6	5278	6.4	58	3364	10	41	73	2993	11.2
	6	85	44.5	146	613	36.8	6218	5.9	63	3969	9.3	44.5	80	3560	10.3
22	3	44	34	111	522	31.3	3629	8.6	48	2304	13.6	34	61	2074	15.1
	4	56	39.5	129.6	604	36.2	4899	7.4	55	3025	12	39.5	71	2804	12.9
	5	70	43.5	142.7	676	40.5	5941	6.8	61	3721	10.9	43.5	78	3393	11.9
	6	85	47.5	155.8	741	44.4	7084	6.5	67	4489	9.9	47.5	85	4037	11
24	4	56	40.5	132.8	720	43.2	5150	8.4	57	3249	13.3	40.5	73	2956	14.6
	5	70	45.5	149	806	48.3	6500	7.4	64	4096	11.8	45.5	82	3731	12.9
	6	85	49.5	162	882	52.9	7693	6.9	70	4900	10.8	49.5	89	4405	12
	7	100	52	170.6	952	57.1	8490	6.7	73	5329	10.7	52	94	4888	11.7



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