

SIME EXPLORER - NOZZLE RANGES 22 TO 50 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
30	3	44	48	157	974	58.4	7234	8.1	86	4128	14.2	83	72	5976	9.8
	4	56	52	170	1127	67.6	8490	7.9	93	4836	13.9	90	78	7020	9.6
	5	70	56	184	1260	75.6	9847	7.7	100	5600	13.5	96	84	8064	9.4
	6	85	60	196	1381	82.8	11304	7.4	108	6480	12.8	103	90	9270	8.9
32	4	56	54	177	1282	76.9	9156	8.4	97	5238	14.7	93	81	7533	10.2
	5	70	58	190	1433	85.9	10562	8.1	104	6032	14.3	100	87	8700	9.9
	6	85	62	202	1570	94.2	12070	7.8	111	6882	13.7	107	93	9951	9.5
	7	100	66	217	1694	101.6	13677	7.4	118	7788	13.1	114	99	11286	9
34	5	70	59	192	1619	97.1	10930	8.9	106	6254	15.5	102	88	8976	10.8
	6	85	64	210	1774	106.4	12861	8.3	115	7360	14.5	110	96	10560	10.1
	7	100	68	223	1913	114.8	14519	7.9	122	8296	13.8	117	102	11934	9.6
	8	115	72	236	2048	122.8	16277	7.5	129	9288	13.2	124	108	13392	9.2
36	5	70	61	199	1814	108.8	11683	9.3	109	6649	16.3	105	91	9555	11.4
	6	85	66	217	1988	119.3	13677	8.7	118	7788	15.3	114	99	11286	10.6
	7	100	70	229	2144	128.6	15386	8.4	126	8820	14.6	121	105	12705	10.1
	8	115	74	242	2295	137.7	17194	8	133	9842	14	128	111	14208	9.7
38	5	70	63	206	2022	121.3	12462	9.7	113	7119	17	108	94	10152	12
	6	85	68	223	2216	132.9	14519	9.2	122	8296	16	117	102	11934	11.2
	7	100	72	236	2390	143.4	16277	8.8	129	9288	15.4	124	108	13392	10.7
	8	115	76	249	2558	153.5	18136	8.5	136	10336	14.8	131	114	14934	10.3
40	5	70	65	213	2240	134.4	13266	10.1	117	7605	17.7	112	97	10864	12.4
	6	85	69	226	2455	147.3	14949	9.9	124	8556	17.2	119	103	12257	12
	7	100	73	239	2648	158.9	16733	9.5	131	9563	16.6	126	109	13734	11.6
	8	115	78	255	2834	170	19103	8.9	140	10920	15.6	134	117	15678	10.8



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