

IrriGreen Water Application Times, Gallons and Rates

(Square Zone Shape)

Sprinkler in Center of Zone		Applying	Gallons	Application	Applying	Gallons	Application
Center to corner (ft.)	Area sq. ft.	.22 Inches	Applied (est.)	Rate Avg. (gpm)	.33 Inches	Applied (Est.)	Rate Avg. (gpm)
		Minutes		for Entire Zone	Minutes		for Entire Zone
10	200	12	27	2.28	17	41	2.42
11	242	13	33	2.55	19	50	2.62
12	288	14	39	2.82	20	59	2.96
13	338	15	46	3.09	23	69	3.02
14	392	16	54	3.36	24	81	3.36
15	450	17	62	3.63	25	93	3.70
16	512	19	70	3.69	28	105	3.76
17	578	20	79	3.96	30	119	3.96
18	648	22	89	4.04	32	133	4.16
19	722	23	99	4.30	34	148	4.37
20	800	25	110	4.39	36	164	4.57
21	882	26	121	4.65	39	181	4.65
22	968	28	133	4.74	41	199	4.85
22.5	1012	28	139	4.95	42	208	4.95
23	1058	29	145	5.00	43	218	5.06
24	1152	31	158	5.09	46	237	5.15
25	1250	33	171	5.19	48	257	5.35
26	1352	34	185	5.45	49	278	5.67
27	1458	36	200	5.55	53	300	5.66
27.5	1512	37	207	5.60	55	311	5.65
28	1568	38	215	5.66	56	322	5.76
29	1682	40	231	5.76	59	346	5.86
30	1800	41	247	6.02	62	370	5.97
31	1923	42	264	6.28	65	395	6.08
31.5	1985	44	272	6.18	66	408	6.18
32	2048	46	281	6.10	68	421	6.19
33	2178	48	299	6.22	71	448	6.31

Area calculations: (Hypotenuse/1.414) squared x 4 = sq. ft.

e.g. 31 ft./1.414 = 21.92; 21.92 squared = 481; 481 x 4 = 1923 sq ft.

