

# BugSource.com

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## Solution Usage Chart

Nozzles	Misting Cycles (gal. per day)					
	1	2	3	4	5	6
1	0.013	0.025	0.038	0.050	0.063	0.075
2	0.025	0.050	0.075	0.100	0.125	0.150
3	0.038	0.076	0.114	0.152	0.190	0.228
4	0.050	0.100	0.150	0.200	0.250	0.300
5	0.063	0.126	0.189	0.252	0.315	0.378
6	0.075	0.150	0.225	0.300	0.375	0.450
7	0.088	0.176	0.264	0.352	0.440	0.528
8	0.100	0.200	0.300	0.400	0.500	0.600
9	0.113	0.226	0.339	0.452	0.565	0.678
10	0.125	0.250	0.375	0.500	0.625	0.750
11	0.138	0.276	0.414	0.552	0.690	0.828
12	0.150	0.300	0.450	0.600	0.750	0.900
13	0.163	0.326	0.489	0.652	0.815	0.978
14	0.175	0.350	0.525	0.700	0.875	1.050
15	0.188	0.376	0.564	0.752	0.940	1.128
20	0.250	0.500	0.750	1.000	1.250	1.500
25	0.313	0.626	0.939	1.252	1.565	1.878
30	0.375	0.750	1.125	1.500	1.875	2.250
35	0.438	0.876	1.314	1.752	2.190	2.628
40	0.500	1.000	1.500	2.000	2.500	3.000
45	0.563	1.126	1.689	2.252	2.815	3.378
50	0.625	1.250	1.875	2.500	3.125	3.750
55	0.690	1.380	2.070	2.760	3.450	4.140
60	0.755	1.510	2.265	3.020	3.775	4.530
65	0.820	1.640	2.460	3.280	4.100	4.920
70	0.885	1.770	2.655	3.540	4.425	5.310
75	0.950	1.900	2.850	3.800	4.750	5.700
80	1.015	2.030	3.045	4.060	5.075	6.090
85	1.080	2.160	3.240	4.320	5.400	6.480
90	1.145	2.290	3.435	4.580	5.725	6.870
95	1.210	2.420	3.630	4.840	6.050	7.260
100	1.270	2.540	3.810	5.080	6.350	7.620

1. Each misting cycle is 60 seconds in duration.
2. Initially setup timeclock with 2-3 spray cycles per day. Increase/decrease misting cycles as needed.
3. Typical misting times are early morning (6:00am) and night (9:00pm).

**Example:**

55 gallon System has 30 nozzles with (3) misting cycles per day.  
 From chart above, system will utilize 1.125 gallons per day.  
 55 gallons of solution divided by 1.125 gal./day = 48 days before tank refill.

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