

Gallons of Water per Acre per Inch of Rain

Acres	Square Feet	Square Inches	Inches Rain	Gallons* Water per Inch of Rain
0.1	4,356	627,264	1	2,715
0.2	8,712	1,254,528	1	5,431
0.3	13,068	1,881,792	1	8,146
0.4	17,424	2,509,056	1	10,862
0.5	21,780	3,136,320	1	13,577
0.6	26,136	3,763,584	1	16,293
0.7	30,492	4,390,848	1	19,008
0.8	34,848	5,018,112	1	21,723
0.9	39,204	5,645,376	1	24,439
1	43,560	6,272,640	1	27,154
2	87,120	12,545,280	1	54,309
3	130,680	18,817,920	1	81,463
4	174,240	25,090,560	1	108,617
5	217,800	31,363,200	1	135,771
6	261,360	37,635,840	1	162,926
7	304,920	43,908,480	1	190,080
8	348,480	50,181,120	1	217,234
9	392,040	56,453,760	1	244,389
10	435,600	62,726,400	1	271,543
15	653,400	94,089,600	1	407,314
20	871,200	125,452,800	1	543,086
25	1,089,000	156,816,000	1	678,857
30	1,306,800	188,179,200	1	814,629
35	1,524,600	219,542,400	1	950,400
40	1,742,400	250,905,600	1	1,086,171
45	1,960,200	282,268,800	1	1,221,943
50	2,178,000	313,632,000	1	1,357,714
100	4,356,000	627,264,000	1	2,715,429