

Lawn Watering Guidelines

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Most lawn failures can be traced directly to inadequate watering practices.

The table below represents the time required to put one inch of water on 5,000 sq. ft. of lawn area using various diameter hoses. A newly seeded lawn requires at least two inches of water per week on clay soils and as much as four inches on sandy soils.

Diameter put 1" of hose of sq. ft.	Gallons Per Minute	Time required to water on 5,000
3/8"	4.0	11.4 hrs.
7/16"	7.5	7.8 hrs.
1/2"	10.5	5.2 hrs.
5/8"	17.0	3.1 hrs.
3/4"	31.0	2.0 hrs.
1"	57.0	.9 hrs.

Remember to multiply by two if you're on clay and by four if you're on sand. The hotter and dryer the weather the more you must water because evaporation plays a key role.

Most hoses used by homeowners are either 1/2" or 5/8".

Least effective watering method:

Hand-held hose with nozzle.

Most effective watering method (listed in order of effectiveness):

Underground sprinkling system

Traveling sprinkler

Rotary or oscillating sprinkler



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