

Green and Seasoned* Firewood Comparison Values

Species	Green Weight (lb)	Air Dry Weight (lb)	Pounds of Water <small>(Green - Dry weight)</small>	Gallons of Water ¹	Amount of Heat Needed to Vaporize the Water ² (Btu)
Black Locust	4,614	3,952	662	79.5	794,400
Green Ash	4,237	3,178	1,059	127.1	1,270,800
Red (soft) Maple	3,960	2,640	1,320	158.5	1,584,000
Sugar (hard) Maple	4,746	3,350	1,396	167.6	1,675,200
Red Oak	4,886	3,350	1,536	184.4	1,833,200
Willows	4,320	2,160	2,160	259.3	2,592,000

Half the weight of a willow (green) is water!

Wood	Moisture Content
Green	50 - 36%
Seasoned	36 - 20%
Dry	< 20%

*Seasoned: wood with a moisture content equal to the moisture content of the surrounding air 20% +/-

¹1 gallon of water = 8.33 pounds
²1,200 Btu to evaporate 1 pound of water

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