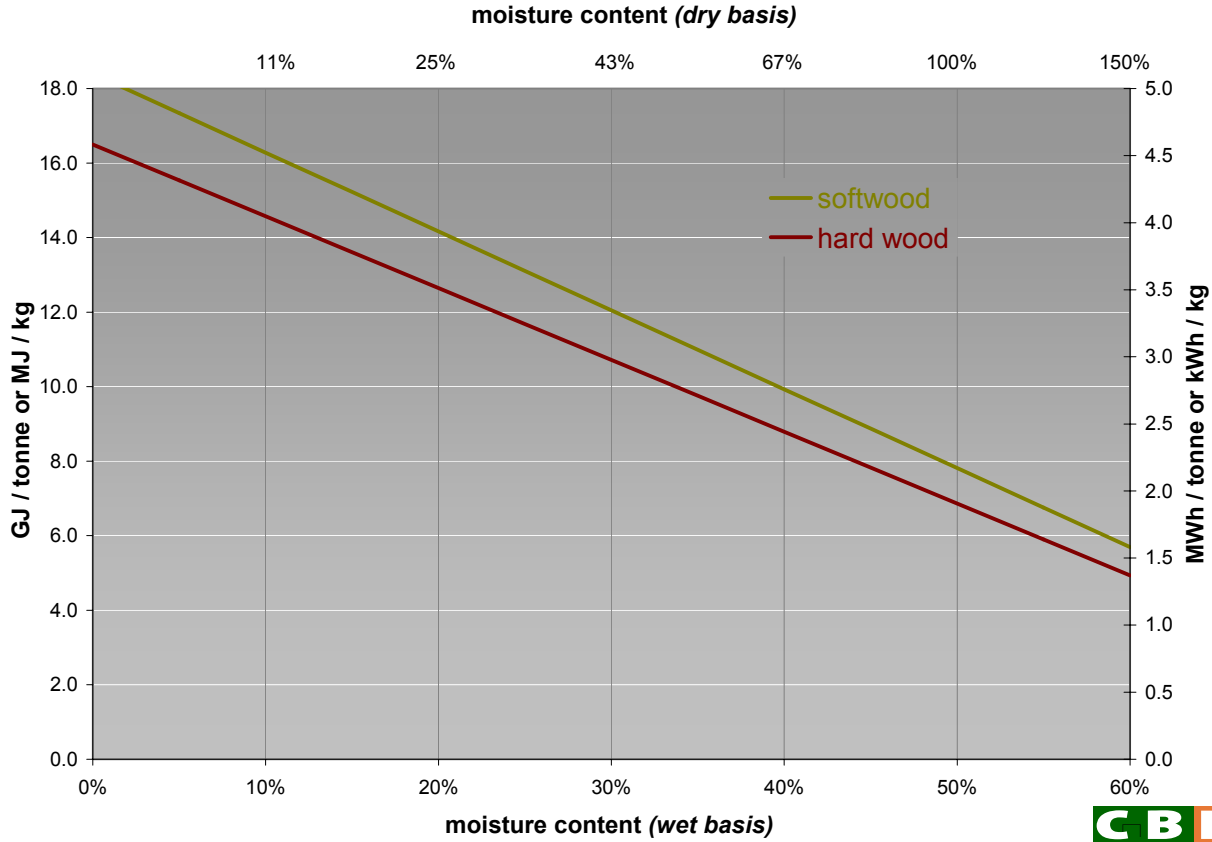


Technical Information

Calorific Value of Wood Fuels



moisture content		SOFTWOOD			HARDWOOD		
wet basis	dry basis	MWh/t	GJ/t	BTU/lb	MWh/t	GJ/t	BTU/lb
0%	0%	5.1	18.4	7934	4.6	16.5	7115
5%	5%	4.8	17.3	7478	4.3	15.5	6699
10%	11%	4.5	16.3	7021	4.0	14.6	6284
15%	18%	4.2	15.2	6565	3.8	13.6	5868
20%	25%	3.9	14.2	6108	3.5	12.6	5453
25%	33%	3.6	13.1	5652	3.2	11.7	5037
30%	43%	3.3	12.0	5195	3.0	10.7	4621
35%	54%	3.1	11.0	4738	2.7	9.8	4206
40%	67%	2.8	9.9	4282	2.4	8.8	3790
45%	82%	2.5	8.9	3825	2.2	7.8	3375
50%	100%	2.2	7.8	3369	1.9	6.9	2959
55%	122%	1.9	6.8	2912	1.6	5.9	2544
60%	150%	1.6	5.7	2456	1.4	4.9	2128

Note: above numbers take the latent and sensible heat of water into account. For details on the formula contact info@biomassenergyresearch.ca