

**Reference:**

1 cubic foot = yields approximately 5 to 6 board feet because of losses in sawing

1 cord = approximately 500 board feet

1,000 board feet of green hardwood logs weighs 5,000 to 9,000 pounds

1,000 board feet of green softwood logs weighs between 4,000 and 6,000 pounds

1 cord of green hardwood weighs 4,000 to 6,000 pounds

The tables below show average volume for a mixture of species, and provide a good approximation of volume in mixed stands. Volume tables that are species specific are more precise, but are not always available or practical to use.

**Table A.1.** Average Number of Board Feet in 16-Foot Logs, According to the International 1/4-

Number of 16-Foot Logs in Tree								
<i>DBH</i>	<i>1/2</i>	<i>1</i>	<i>1 1/2</i>	<i>2</i>	<i>2 1/2</i>	<i>3</i>	<i>3 1/2</i>	<i>4</i>
<i>(inches)</i>	<i>contents in board feet</i>							
<b>12</b>	<b>30</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>			
<b>14</b>	<b>40</b>	<b>80</b>	<b>110</b>	<b>140</b>	<b>160</b>	<b>180</b>		
<b>16</b>	<b>60</b>	<b>100</b>	<b>150</b>	<b>180</b>	<b>210</b>	<b>250</b>	<b>280</b>	<b>310</b>
<b>18</b>	<b>70</b>	<b>140</b>	<b>190</b>	<b>240</b>	<b>280</b>	<b>320</b>	<b>360</b>	<b>400</b>
<b>20</b>	<b>90</b>	<b>170</b>	<b>240</b>	<b>300</b>	<b>350</b>	<b>400</b>	<b>450</b>	<b>500</b>
<b>22</b>	<b>110</b>	<b>210</b>	<b>290</b>	<b>360</b>	<b>430</b>	<b>490</b>	<b>560</b>	<b>610</b>
<b>24</b>	<b>130</b>	<b>250</b>	<b>350</b>	<b>430</b>	<b>510</b>	<b>590</b>	<b>660</b>	<b>740</b>
<b>26</b>	<b>160</b>	<b>300</b>	<b>410</b>	<b>510</b>	<b>600</b>	<b>700</b>	<b>790</b>	<b>880</b>
<b>28</b>	<b>190</b>	<b>350</b>	<b>480</b>	<b>600</b>	<b>700</b>	<b>810</b>	<b>920</b>	<b>1,020</b>
<b>30</b>	<b>220</b>	<b>410</b>	<b>550</b>	<b>690</b>	<b>810</b>	<b>930</b>	<b>1,060</b>	<b>1,180</b>
<b>32</b>	<b>260</b>	<b>470</b>	<b>640</b>	<b>790</b>	<b>940</b>	<b>1,080</b>	<b>1,220</b>	<b>1,360</b>
<b>34</b>	<b>290</b>	<b>530</b>	<b>730</b>	<b>900</b>	<b>1,060</b>	<b>1,220</b>	<b>1,380</b>	<b>1,540</b>
<b>36</b>	<b>330</b>	<b>600</b>	<b>820</b>	<b>1,010</b>	<b>1,200</b>	<b>1,380</b>	<b>1,560</b>	<b>1,740</b>
<b>38</b>	<b>370</b>	<b>670</b>	<b>910</b>	<b>1,130</b>	<b>1,340</b>	<b>1,540</b>	<b>1,740</b>	<b>1,940</b>
<b>40</b>	<b>420</b>	<b>740</b>	<b>1,010</b>	<b>1,250</b>	<b>1,480</b>	<b>1,700</b>	<b>1,920</b>	<b>2,160</b>
<b>42</b>	<b>460</b>	<b>820</b>	<b>1,100</b>	<b>1,360</b>	<b>1,610</b>	<b>1,870</b>	<b>2,120</b>	<b>2,360</b>

Inch Rule

**Table A.2.** Average Number of Cords in Trees of Various Sizes*Number of 8-Foot Sections In free*

<b>DBH</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
<b>(inches)</b>	<b>cords</b>							
<b>4</b>	<b>0.007</b>	<b>0.011</b>						
<b>6</b>	<b>.017</b>	<b>.028</b>	<b>0.040</b>	<b>0.047</b>				
<b>8</b>	<b>.031</b>	<b>.050</b>	<b>.088</b>	<b>.087</b>	<b>0.108</b>	<b>0.118</b>		
<b>10</b>	<b>.049</b>	<b>.082</b>	<b>.111</b>	<b>.133</b>	<b>.180</b>	<b>.188</b>	<b>0.211</b>	
<b>12</b>	<b>.070</b>	<b>.121</b>	<b>.185</b>	<b>.198</b>	<b>.225</b>	<b>.260</b>	<b>.300</b>	<b>0.330</b>
<b>14</b>	<b>.095</b>	<b>.187</b>	<b>.228</b>	<b>.273</b>	<b>.311</b>	<b>.353</b>	<b>.40</b>	<b>.47</b>
<b>16</b>	<b>.122</b>	<b>.220</b>	<b>.300</b>	<b>.387</b>	<b>.42</b>	<b>.47</b>	<b>.53</b>	<b>.59</b>
<b>18</b>	<b>.155</b>	<b>.282</b>	<b>.382</b>	<b>.47</b>	<b>.55</b>	<b>.60</b>	<b>.65</b>	<b>.73</b>
<b>20</b>	<b>.194</b>	<b>.353</b>	<b>.48</b>	<b>.59</b>	<b>.88</b>	<b>.76</b>	<b>.81</b>	<b>.89</b>
<b>22</b>	<b>.240</b>	<b>.44</b>	<b>.60</b>	<b>.73</b>	<b>.84</b>	<b>.93</b>	<b>1.00</b>	<b>1.07</b>
<b>24</b>	<b>.288</b>	<b>.52</b>	<b>.72</b>	<b>.88</b>	<b>1.00</b>	<b>1.12</b>	<b>1.21</b>	<b>1.28</b>
<b>26</b>	<b>.340</b>	<b>.82</b>	<b>.84</b>	<b>1.04</b>	<b>1.19</b>	<b>1.33</b>	<b>1.44</b>	<b>1.51</b>
<b>28</b>	<b>.388</b>	<b>.72</b>	<b>.97</b>	<b>1.20</b>	<b>1.38</b>	<b>1.55</b>	<b>1.87</b>	<b>1.76</b>
<b>30</b>	<b>.43</b>	<b>.80</b>	<b>1.10</b>	<b>1.37</b>	<b>1.59</b>	<b>1.7</b>	<b>1.93</b>	<b>2.04</b>

From "WORKING WITH YOUR WOODLAND"