

The following volume estimates were provided by Tennessee Timber Consultants, LLC. This information is provided solely as a professional opinion of the number of trees and volumes on the designated property. Neither Tennessee Timber Consultants, LLC, nor any of its employees, agents, or contractors guarantees the accuracy of the information provided, in whole or in part, and are not responsible for any decisions made or forgone by anyone as a result of its use.

Timber volume estimates are presented in boardfeet (bf) using the Doyle Tree Scale. Form Class 78 was applied to all species, except Form Class 80 was applied to pine and poplar. Pulpwood volumes are presented in tons. A conversion factor of 8 tons per thousand boardfeet was used to estimate the amount of sawtimber tonnage.

Sawtimber Boardfeet			
Species	Trees	Volume (bf)*	Avg bf/tree
Ash	1,327	231,652	175
Cherrybark oak	343	137,783	402
Cottonwood	5	3,341	668
Cow oak	363	97,583	269
Cypress	1,371	526,186	384
Hickory	1,389	159,436	115
Loblolly pine	3,696	642,995	174
Mixedwood**	7,395	1,254,310	170
Overcup oak	203	53,532	264
Poplar	822	204,200	248
Post oak	254	21,334	84
Red oak	4,037	816,467	202
Shortleaf pine	794	101,049	127
Soft maple	1,164	208,233	179
Sycamore	394	97,822	248
Tupelo	620	75,890	122
White oak	2,530	445,386	176
Total	26,707	5,077,199	190

*Doyle Tree Scale Form Class 78 for all species except FC 80 for poplar and pine

**Mixedwood includes beech, cherry, elm, sweetgum, blackgum, sugarberry

Pulpwood	Tonnage
Hwd pulpwood	18,661
Hwd topwood	6,499
Pine pulpwood	27,459
Pine topwood	1,488
Total	54,107

Sawtimber Tonnage		
Species	Trees	Volume (tons)*
Ash	1,327	1,853
Cherrybark oak	343	1,102
Cottonwood	5	27
Cow oak	363	781
Cypress	1,371	4,209
Hickory	1,389	1,275
Loblolly pine	3,696	5,144
Mixedwood	7,395	10,034
Overcup oak	203	428
Poplar	822	1,634
Post oak	254	171
Red oak	4,037	6,532
Shortleaf	794	808
Soft maple	1,164	1,666
Sycamore	394	783
Tupelo	620	607
White oak	2,530	3,563
Total	26,707	40,618

*Estimated tonnage based on 8 tons per thousand boardfeet

The below table shows the estimated number of sawtimber trees and volume separated by diameter class. Tree sizes shown are measurements at 4 ½ feet above the ground, or diameter-at-breast-height (DBH). The number of pulpwood trees are not included.

Hardwood Sawtimber Diameter Distribution			
DBH	Trees	Volume (bf)	Avg bf/tree
14	3,637	142,706	39
16	4,218	325,739	77
18	4,853	661,390	136
20	2,958	593,176	201
22	2,458	674,483	274
24	1,940	718,564	370
26	1,062	487,070	459
28	599	350,496	585
30	261	175,304	672
32	134	112,446	839
34	55	46,958	854
36	24	25,763	1,073
38	13	15,712	1,209
40	2	3,349	1,675
Total	22,214	4,333,156	195

Pine Sawtimber Diameter Distribution			
DBH	Trees	Volume (bf)	Avg bf/tree
12	84	3,215	38
14	905	51,039	56
16	1,429	156,840	110
18	1,043	182,593	175
20	601	162,063	270
22	240	87,263	364
24	112	53,440	477
26	53	29,701	560
28	15	9,868	658
30	4	4,442	1,111
32	4	3,579	895
Total	4,490	744,043	166